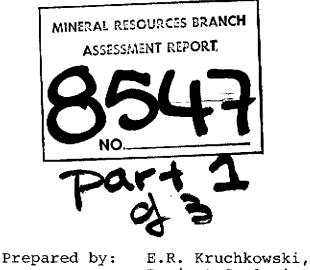
EXPLORATION SUMMARY GEORGIA RIVER PROPERTY SKEENA M.D., BRITISH COLUMBIA NTS 103¢16/E 55°47'-55°50' & 130°05'-130°10' \*80-#61: #8547



Project Geologist E&B Explorations Ltd. Owners: Thai-Aaron Development Corporation Ltd. Cannon Resources Mike Boyle Operator: E&B Explorations Ltd. Contractor: Can-Lake Explorations Ltc Date: March 1, 1981 Submitted: March 20, 1981

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#### SUMMARY

The Georgia River property is located about 13 kilometers south of Stewart, B.C. on the east side of the Portland Canal. The property lies on the eastern contact of the Coast Range Batholith intruding volcanics and sediments of the Hazelton Group.

Two shear patterns have been developed on the property in a northwest direction and a possibly later extensive cross fracturing and faulting in a northerly direction. Significant gold, silver, lead, zinc with minor copper mineralization within quartz veins appear to be restricted to the zones of later faulting. Marked gold enrichment appears to be associated with areas of vein intersection.

During the period May to October 1980, E & B Explorations completed an exploration program on the Georgia River Project including gridding, geological mapping, prospecting trenching, underground mapping and sampling, diamond drilling and claim staking.

Six units in one claim were added along the north perimeter of the claim holdings to include mineralized shear zones. Preliminary grab sampling has indicated silver values grading up to 15 oz./ton.

A total of 37.5 line kilometers of gridding was located over the immediate area of interest to provide survey control during mapping, trenching and prospecting.

In addition to the previously discovered veins, prospecting was successful in outlining ll new vein systems as well as numerous mineralized stringers A total of 137 trenches were blasted and excavated with 200 chip samples collected. Three areas were stripped to bedrock with no assay samples collected and 11 grab samples were taken from old trenches and mineralized stringers.

Diamond drilling was conducted in the area where the northerly trending Southwest Vein intersects the northwesterly trending CC#1, CC#2 and Georgia Veins. The 1979 drilling on the Southwest Vein in this area, returned 0.96 oz. Au and 0.96 oz. Ag over a 1.45 meter interval in DDH GGP-3, and the 1980 trenching outlined an area approximately 80 meters long and 0.94 meters wide averaging 0.97 oz. Au and 1.12 oz. Ag per ton.

This area is from 15 to 80 meters north and 147 meters vertically above the face on the No.2 north drift. The zone was tested with 15 holes totalling 904.24 meters of drilling and confirmed the down dip extension of the surface mineralization. Significant intersections were encountered in nine holes and varied from 0.438 oz. Au and 0.54 oz. Ag per ton over 0.35 meters to 2.05 oz. Au per ton and 1.28 oz. Ag per ton over 2.44 meters.

Underground mapping and sampling in the No.1 and No.2 levels was completed with a total of 50 channel samples collected along the drift backs and 8 grab samples collected from ore chutes and muck piles.

Sampling indicated significant gold and silver values within quartz veins along the Southwest and Bullion veins. This work has confirmed the presence of a previously described ore shoot at the intersection of the Main and Southwest veins.

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Attempts to open the No.3 level, utilizing hand tools, were prevented by sloughing glacial material.

The results on the Georgia River Project indicate an excellent exploration potential exists for developing ore reserves along the Southwest vein. Further work is also required along the Bullion, Eastmark and possibly the Gem vein to develop further exploration potential.

The program that would best develop reserves in 1981 consists of a surface diamond drill program.

### INTRODUCTION

In the period May to October 1980 E & B Explorations carried out an exploration program on the Georgia River Project to evaluate the gold and silver potential. Work completed included establishing a grid over the immediate area of interest, geological mapping, prospecting and trenching, diamond drilling, underground mapping and sampling and claim staking.

Gold and silver mineralization, related to quartz filled shears, outlined partially by 1979 drilling and 1980 trenching,was drill tested for tenor and depth extension.

During September to October 1980, a drill program tested the Southwest Vein in the area of the Georgia, CC#1 and CC#2 veins. This work utilized a Longyear Super 38 wireline drill provided by Arctic Diamond Drilling to complete 904.24 meters of BQ size drilling.

The work program was conducted by the following:

- a) gridding, trenching and mapping by Can-Lake
   Explorations from May to September 1980;
- b) trenching, mapping, underground sampling and mapping and drill supervision by E & B Explorations assisted by Can-Lake Explorations personnel in the period September to October 1980.

Whole core analysis for Au and Ag were conducted on all quartz vein material and sulphide rich zones intersected. Sample intervals were determined primarily by lithology. Analyses were performed by Chemex Labs Ltd., Vancouver, B.C. Drill hole locations and supervision, trench locations, coordination and supervision for the mapping was provided by E.R. Kruchkowski, geologist for E & B Explorations Ltd.

## Location and Access

The Georgia Mine property is located at 55°47' to 55°50' latitude and 130°05' to 130°10' longitude, approximately 13 kilometers south of Stewart, B.C. in the Skeena Mining Division. The property is part of a contiguous claim block encompassing the Colling Range on the east side of Portland Canal and Bullion Creek, a tributary of the Georgia River (Figure 1 and 2).

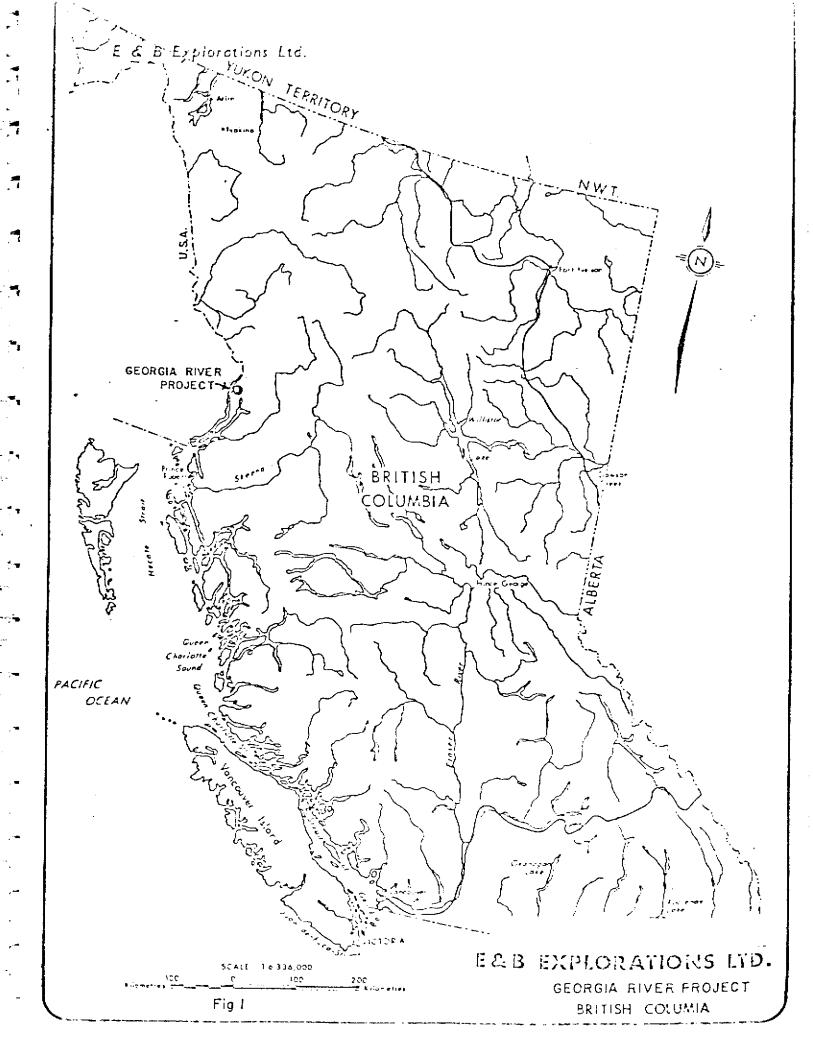
Access to the Georgia property is via a Bell 206 helicopter based in Stewart. The Sun mineral claim is accessible via boat from Stewart.

An old wagon trail, 13 kilometers in length, built in 1928 from the mouth of the Georgia River has been eroded and overgrown.

## Physiography and Topography

The property area lies within steep terrain typical of the Coast Range Mountains of British Columbia. The area is one of mountainous topography at a stage of early maturity. The east wall of Portland Canal rises abruptly from sea level to more than 1,180 meters on Colling Range. At 1,060 meters elevation the country changes from forested slopes to relatively gently rolling alpine slopes and meadows.

The project area has little glacial material present, outcrop forms up to 60 to 70 percent of the land surface and permanent snow occupies depressions and gullies.



Maximum rock exposure occurs by October when most of the snow has melted. This snow hampers exploration as the vein systems generally have surface expressions in gullies.

Several small alpine lakes less than 100 meters in length are located in a mountain pass at the headwaters of a tributary of Bullion Creek and along the top of Colling Ridge.

# Personnel and Operations

Personnel involved during the 1980 program were as follows:

E & B Explorations Ltd.

E.R. Kruchkowski	- supervising geologist	-	62	days.
B. Ward	- geologist	-	22	days
C. Dearin	- mine geologist	-	7½	days
C. Cherniwchan	- assistant	-	40	days

## Can-Lake Explorations Ltd.

Mark Childs	- geolog <b>is</b> t	- 111 days
P. Ritchie	- geologist	- 15 days
E. Bakker	- geologist	- 21 days
C. Bradley	- geologi <b>s</b> t	- 11 days
J. Campbell	- blaster	- 32 days
D. Van Cowenbergl	n- senior assistant	- 11½ days
S. Stennus	- senior assistant	- 15½ days
C. Cherniwchan	- senior assistant	- 11½ days
R. Schutz	- senior assistant	- 39 days
M. Balog	- junior assistant	- 94 days
S. Willis	- junior assistant	- 81 days
G. Seaton	- junior assistant	- 14 days
D. Filcher	- cook	<b>- 1</b> 15 days
Bokesch	- cook	- 27 days
J. Kelln	- blaster	- 59 days

Can-Lake Explorations Ltd. (continued)

R. Rintimaki	- blaster's helper	- 34 days
H. Zurloff	- junior assistant	- 21½days

Can-Lake Explorations mobilized the camp out of Calgary, Alberta to Steward, B.C. via truck. Personnel utilized daily scheduled aircraft to mobilize to Stewart.

Arctic Diamond Drilling mobilized the drill out of Whitehorse, Yukon Territory to Steward, B.C. via transport truck. Personnel were mobilized utilizing charter aircraft.

All drill equipment, camp gear and supplies were slung to the property using a Vancouver Island Helicopter Bell 206 based in Stewart.

Arctic Diamond Drilling provided their own accomodations. All personnel involved in the surface and underground program were accomodated in a separate camp approximately 100 meters northeast of the drilled area..

Supplies and materials for the job were purchased in Stewart and ferried in via Bell 206 helicopter.

#### Property Ownership

The property consists of 8 crown grants registered in the name of Thai-Aaron Development Corporation Ltd., 26 crowngranted 2-post claims owned by Cannon Resources Ltd., 4 MGS claims owned by Michael Boyle and 1 MGS claim owned by E & B Explorations Ltd.

The following claims form the Georgia Mine property (See Figure 2):

Name	Acres	Expiry Date
Crown-Grants:		
Gem	38.46	August 2, 1989
Gem #1	23.19	August 2, 1989
Goldfields #3	47.35	August 2, 1989
Top Fraction	26.46	August 2, 1989
Gold Fraction	46.64	August 2, 1989
Georgia	49.39	August 2, 1989
Georgia #1	46.71	August 2, 1989
Georgia #2	48.58	August 2, 1989

# Reverted Crown-Grants:

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Gem Fraction	48.80	August 2, 1989
Goldfields	52.25	August 2, 1987
Goldfields #1	43.68	August 2, 1989
Goldfields #2	44.25	August 2, 1989
Goldfields #4	44.90	August 2, 1989
Goldfields #6	51.15	August 2, 1989
Jitney	11.68	August 2, 1989
September Fraction	19.85	August 2, 1989
Danny Fraction	7.83	August 2, 1989
June Fraction	41.00	August 2, 1989
June	41.43	August 2, 1989
June #1	25.80	August 2, 1989
June #2	35.58	August 2, 1989
June #3	39.03	August 2, 1989
June #4	52.25	August 2, 1989
June #5	34.85	August 2, 1989
June #6	28.93	August 2, 1989
June #7	37.78	August 2, 1989
June #8	12.53	August 2, 1989
June #9	39.08	August 2, 1989
June #10	1.85	August 2, 1989
Sovereign Fraction	8.50	August 2, 1989
Sovereign	51.60	August 2, 1989
Sovereign #1	36.28	August 2, 1989
		<u> </u>

Name	Acres	Expiry Date
Reverted Crown-Gran	ts:	
Sovereign #2	51.43	August 2, 1989
MGS Claims:		
Sun #1	1,235.60	August 15, 1989
Mike #1	1,235.60	August 15, 1989
Mike #2	1,235.60	September 18, 1987
Mike #3	1,235.60	September 18, 1987
Pork Chop	370.70	June 26, 1981

# Previous\_Work

Gold mineralization was first discovered in the area by Dan Hume and Jake Jarvis in 1910 who subsequently located the Georgia Gold claims.

During 1914 to 1918, development work by Georgia River Mining Company concentrated on the intersection of the Bullion vein with the Main vein. It consisted of an adit driven along the Bullion vein for 400 feet, a raise 35 feet to surface, a winze sunk 45 feet and a 35 foot cross cut west. Work indicated the Bullion vein as varying from 4 inches to 4 feet in width with high gold and appreciable silver values.

In 1924 Georgia River Gold Mines Ltd. was incorporated, a large number of adjoining claims were acquired and development work was performed from 1928 to 1931.

In 1933, reorganization occurred when Helena Gold Mines was formed and underground exploration consisting

of drifting and diamond drilling was continued.

Underground development in the 1928 to 1934 period is summarized as follows:

1928 to 1929 - No.1 tunnel, No.2 tunnel, little tunnel and No.3 tunnel developed along the Southwest vein.

1932 - Crosscut from Bullion vein intersected Southwest vein and drifting continued north and south for distances of 180 and 130 feet respectively.

1933 - Drifting on Southwest vein and nine diamond drill holes were drilled aggregating 3,050 feet.

1934 - Work ceased on property.

In 1935 Gold Leasers Ltd. leased the property and conducted a limited amount of mining work. In 1936 a mill and mining facilities were erected and a total of 500 tons subsequently mined in 1937. The production of 500 tons yielded 329 ounces of gold, 410 ounces of silver and 7,301 pounds of lead for an average grade of 0.658 oz. Au, 0.82 oz. Ag and 0.73 percent Pb/ton.

During October to November 1979 E & B Explorations completed a total of 346.9 meters of BQ size diamond drilling in six holes on the Georgia Gold Mine property. Two drill holes tested the intersections of the Main and Southwest vein, one tested the intersections of the Georgia and Southwest vein and three tested the intersection of the Southwest and the north faulted extension of the Georgia vein. Assay results from intersected quartz veins were low except for drill hole GGP-3 which intersected 0.96 oz. Au and 0.96 oz. Ag over a 1.45 meter interval along the Southwest vein.

#### GEOLOGY

#### Regional Geology

The project area lies adjacent to and includes moderately folded volcanic and sedimentary rocks intruded by a succession of plutons of the Coast Crystalline Belt.

Within the Stewart area, Lower Jurassic Hazelton Group rocks, which include an extensive sequence of volcanic and sedimentary rocks, are unconformably overlain by Middle and Upper Jurassic Bowser rocks which are comprised of a series of non-marine and marine sediments with minor volcanics.

The volcanic rocks of the Hazelton Group include a variety of sandstones, conglomerates, and breccias as well as minor interrelated tuffs, siltstones and flow material. The Bowser formation includes volcanic sandstones, tuffs, siltstones and greywackes occurring as isolated structural remnants.

Granodiorite is the dominant rock of the Coast Crystalline Batholith. Stocks and plutons generally varying from quartz monzonite, quartz diorite to granites are associated intrusive phases.

Numerous dykes swarms varying in composition from granite, quartz monzonite, granodiorite and quartz diorite are located in the Stewart area.

Structurally, the Stewart area lies on the west flank of the American Creek Anticline a northerly trending, slightly arcuate regional structure truncated by intrusions of the Coast Crystalline Belt. Regional metamorphism includes relatively low amphibolite facies minerals.

# Local Geology

During June to July 1980, a reconnaissance mapping and prospecting program was completed on the Mike 1, Mike 2, Mike 3 and Sun claims. The program examined rock types, contact relations and checked interpreted structures for mineral showings. The area surveyed is underlain by an undifferentiated assemblage of Hazelton rocks consisting of tuffaceous volcanic rocks interbedded with limy argillaceous sediments and altered andesitic flows. The regional trend of the sequence appears to be approximately  $135^{\circ}$  with dips generally 50 to  $75^{\circ}$  southwest. A series of granodiorite dykes and/or sills trend approximately  $140^{\circ}$  with variably dips to the southwest. Several small plutons ( $1km^2$ ), one of syenitic composition, the others quartz monzonite, were noted north of the old workings.

Structurally, the Hazelton Group in the surveyed area comprises a triangular pendant inclusion lying within and contiguous to the eastern contact of the Coast Range granodiorite batholith. Figure 3 shows the distribution of rock types noted.

During September to October 1980, geological mapping utilizing grid lines for survey control was completed in the vicinity of the old mine workings. The grid consists of a 1.35 kilometer baseline running Ol6<sup>O</sup> along the west edge of Bullion Creek with cross lines every 50 meters. Pickets were placed every 25 meters on all lines established. The cross lines were extended to the summit of Colling Ridge on the west and to the edge of the precipitous drop to the Georgia River Valley on the east. A total of 37.5 kilometers of grid was established and geological mapping at a scale of 1:1250 was completed. Figure 4 depicts the geology of the grid area.

Mapping indicates that the gridded area is underlain by an assemblage of epiclastic rocks with intercalated andesitic and basaltic flows. Thin bedded dark grey siltstones and black argillite with minor limestone and greywacke are present but form less than 15 percent of the assemblage.

The Hazelton rocks have been subjected locally to strong shearing movements and are generally altered to a chloritic foliated rock in which original textures and grain sizes have been obscurred. Relatively unaltered argillaceous rocks are present in the northeast portion of the survey area.

The epiclastic rocks appear to consist of angular and unsorted andesitic fragments within either a fine grained sandstone or tuff matrix. Fragments may form up to 10 percent of the rock and clasts up to 10 cm have been noted. Individual units within the epiclastic sequence are difficult to follow due to their lenticular nature. They are generally buff weathering, well bedded, green rocks with numerous calcite veinlets. Figure 4 shows the distribution of the rock types noted during mapping. The epiclastic rocks have been designated as meta-volcanics on the map to show the altered and metamorphosed nature of the rocks.

The andesitic flows are generally porphyritic, medium grained, green rocks weathering as more massive units than the epiclastic members. Plagioclase phenocrysts appear as laths up to 20 percent within a fine grained green matrix. Basaltic flows are dark, mafic rich units exhibiting a pitted nature on weathered surfaces.

The sequence of epiclastic rocks along the southern portion of the grid is gradational into a predominantly argillite sequence with minor siltstone and tuff units to the north. Occasional thin lenticular black limestone units are also present. The argillite is thin, well bedded sequence that appears to be generally unaltered. The unit which appears to be approximately 200 meters wide grades back into an epiclastic sequence to the north.

The Hazelton Group has been intruded by granodiorite dykes and/or sills and tongues satellitic to the underlying Coast Range batholith. The granodiorite is a medium grained, grey to red, equigranular rock with quartz up to 20 percent. The intrusive shows several different thermal metamorphic effects within the survey area. In many localities the contact of the dykes are gradational and consists of a porphyritic rock with quartz and feldspar phenocrysts in a fine grained matrix. The contact zones within limy sequences consist of skarn composed of coarse crystals of chrysotile, epidote and calcite. Skarn zones may extend up to 50 meters away from the contact areas.

The dykes are generally less than 100 meters in width and appear to follows regional trends.

Numerous quartz veins were noted primarily within the two shear directions noted previously. The northwesterly trending quartz veins are more massive than the northerly trending quartz veins.

A small black basaltic dyke was observed in an area above the Summit vein. The basalt is fine grained, exhibits columnar jointing and cuts a granodiorite dyke.

Pale, paper thin sericite schists were observed in cuts above the No.3 level. The exposure is limited and no areal extent was determined.

The Pork Chop showing located on the Pork Chop claim was mapped and sampled during July 1980. The showing was found to be a silicified shear, 0.6 to 2.4 meters in width carrying predominantly chalcopyrite, pyrite, with traces galena and sphalerite within the Hazelton series. The shear is offset along northeast trending structures and is near a granodiorite dyke. Mapping was conducted along a flagged grid established to encompass the mineralized area. Figure 5 shows the surrounding geology of the mineral showing as well as sample locations and assays.

Three assay samples were collected, two from a silicified shear and one from a pyritic metavolcanic.

# Structural Geology

The principal structural features noted during mapping were foliation, bedding, jointing and faulting.

Weak foliation and minor folds were noted in the Hazelton assemblage. The foliation appears to have developed variably through the sequence and depends on rock type, grain size and layer thickness. Local schist development appears to be located in areas of faulting in close proximity to intrusive rocks. Foliation measurements indicate strikes and dips conformable to bedding directions. The strike for the sequence appears to be approximately 140° with 50 to 70° dips to the southwest.

Jointing in two principal directions was noted both in the more competent epiclastic and flow rocks and in the granodiorite. The principal directions noted were  $045^{\circ}$  with steep dips to the east and  $320^{\circ}$  with steep dips to the south. These directions correlate with two directions of faulting present on the property. Three distinct fault systems - northwesterly, northerly and northeasterly trending sets - can be deduced from geological mapping and airphoto interpretation. It would also appear that at least two of the systems have been reactivated during the local geologic development with possibly the earliest and latest being the northwesterly trending system.

The first faulting in the area is most likely the northwesterly followed by northerly trending faults. These two fault systems then had quartz lenses emplaced as fissure fillings. Northeasterly faulting occurred later and in most instances cut into and deflected along the northerly trending faults. This is evident above the old mine workings where several northeasterly trending faults deflect along the Bullion fault. A major late NW trending fault appears to cut off all the structures to the north of the old mine workings. Large displacements of northeast and north faults along northwest faults are also present southwest of the property.

# Trenching and Prospecting

Detailed prospecting was conducted during a period of maximum rock exposure (September to October) and concentrated in the immediate vicinity of the old mine workings. Prospecting consisted of traverses along lineaments with special attention given to any quartz material or dark red gossans irrelevant of extent. The method was successful in outlining numerous quartz veins and sulphide stringers, some of which will require additional exploration. Figure 6 indicates the locations of all the veins presently located on the property.

Trenching was carried out on all previously identified veins and on as many of the newly discovered ones as possible. Rock cuts were excavated using cobra drills, dynamite and hand tools. The objective was to obtain representative material from the veins in order to evaluate the gold-silver potential.

A total of 137 trenches were excavated and 200 chip samples were collected. Figures 7 to 14 show the trench locations on the various vein sytems.

### Economic Geology

#### Vein Systems

Quartz veins are found in two distinct vein systems: wide shear zones striking N40<sup>O</sup> west consisting of quartz and siliceous breccia and narrower quartz filled fault fissures having a general northerly strike.

Marked enrichment appears to occur in the quartz filled northerly trending fault fissures at points of vein intersections.

Prior to the 1980 program, 7 vein systems had been discovered and explored. These veins are as follows: northwesterly trending - Main, Georgia and Gem veins and northerly trending - Southwest, Summit, Bullion and Camp veins. A detailed prospecting program during late September and early October indicated the presence of numerous other veins. These veins consisted of 4 new northerly trending veins (Eastmark, East Bob, East and the Cobbett veins) and 5 new northwesterly trending veins (CC#1, CC#2, Gem A, Gem Top and Pond veins).

The Zinc and Granodiorite veins outlined appear to have a northeast trend with shallow dips to the southeast.

Figures 15 to 20 show the geology of the veins within the trenches sampled. Figure 7 to 14 show the areal extent, strike and nature of the quartz veins.

A brief description of the veins is as follows:

<u>Main Vein</u> - This vein consists of a large silicified shear zone striking 315° and dipping 55° to 65° to the southwest. The Main vein is a siliceous replacement zone composed of layers of siliceous material separated by bands of schist with silicification gradually fading into country rocks. The zone has been traced along a strike length of 650 meters and exhibits an offset along the Southwest vein(6 meters) and along the Bullion vein (65 meters). This vein has generally sparse mineralization consisting of pyrite, pyrrhotite, and minor arsenopyrite. Sampling underground, 1979 drill results and 2 trenches indicate a low gold value along this vein (0.003 oz. per ton Au).

<u>Georgia Vein</u> - The Georgia vein strikes parallel to the Main vein about 300 meters north and cuts across the Georgia and Georgia No.l claims. The vein is approximately 1 meter in width and is exposed over a strike length of 450 meters. The Georgia vein appears to pinch out to the northwest into a series of quartz veinlets, the southeast extent has not been defined. The vein which consists of siliceous volcanic inclusions within quartz, generally carries up to 5 percent pyrite and pyrrhotite with local concentrations of sphalerite with minor galena. Assays for both trenching and drilling indicate a low gold value (0.003 to 0.005 oz. per ton Au) along the explored vein. Several short and narrow stringers parallelling the Georgia vein near trench 72 show interesting values in gold.

The Georgia vein is offset approximately 27 meters along the Southwest vein.

#### Gem Vein, Gem Top, Gem A

The Gem Vein strikes parallel to the Georgia vein approximately 150 meters to the north on the Gem claim. The vein is exposed over a length of 400 meters and is from 1 to 3 meters in width. Mineralization along the vein is generally sparse with local concentrations of pyrite, pyrrhotite with minor sphalerite and rarely galena. The vein has two nearby veins - the Gem Top and Gem A which are up to 2 meters in width, contain sparse sulphides but are shorter in length. Low gold values ranging from 0.02 to 0.07 oz. per ton Au have been obtained from these veins northwest of the Cobbett vein. However where the Gem vein appears to turn from a northwest direction to a northerly direction, abundant sulphides are present. Trench 111 had massive pyrite and sphalerite stringers and averaged 0.24 oz Au over a 2 meter interval. Massive pyrite-sphalerite float on strike with this zone suggest a possible continuation to the south. This zone also appears to be on strike with the significant intersections in DDH GM-16, 17, 18 (0.032 oz. Au over 0.68 meters, 0.210 over 1.52 metersmand 0.064 over 2.07 meters respectively).

<u>Southwest Vein</u> - The Southwest vein is defined on surface for 900 meters across the Georgia No.1 and Georgia No.2 claims and through a vertical range of 360 meters. The vein has been the most extensively explored by drifting on two levels prior to 1937, 1980 trenching and 1979 and 1980 diamond drilling. The vein consists of short discontinuous and overlapping mineralized quartz lenses along a continuous zone of green chlorite schists. The

schist zone varies from 1 to 4 meters and shows evidence of repeated movement along fault zones. Near the intersection of the Georgia, CC#1 and CC#2 veins, the Southwest vein which consists of 1 to 3 overlapping gold bearing quartz lenses, contains a zone 80 meters long and 0.94 meters wide averaging 0.97 oz. Au per ton and 1.12 oz. Ag per ton. The individual lenses appear to vary in length from 8 to 30 meters and may have up to 20 meters depth extension. Above the No.3 portal the vein consists of short quartz stringers pinching and swelling along fault gouge and sheared faulted volcanic. The vein is the prime exploration target at present as underground sampling, diamond drilling and trenching have shown very high grade gold and silver values within the quartz lenses and occasionally in the chloritic zone.

Production of 500 tons of vein material occurred in small stopes along this vein.

<u>Bullion Vein</u> - The Bullion vein is located along Bullion Creek and has been traced along a strike of 400 meters. Above the No.2 level the vein consists of mineralized quartz lenses along a fault zone. Exposure in trenches to the north indicate post quartz faulting with coarse barren quartz fragments from 1 to 50 cm in a matrix of green chloritic gouge. The fault zone also contains up to 50 percent green altered volcanic fragments generally up to 5 cm.

Trenching and underground sampling indicates that vein material varies from 0.1 to 0.35 meters with erratic gold values in discontinuous lenses. The vein has been defined by drifting on two levels and exposure in the creek bed.

<u>Summit Vein</u> - The Summit vein located northwest of the Southwest vein consists of parallel narrow quartz lenses exposed over a short distance. A large area stripped of overburden was outlined and grab sampling of the dump and chip sampling of the veins showed high gold values. The veins noted occur over an area 11 meters in width with individual quartz lenses varying from 0.07 to 0.33 meters in width.

<u>Camp Vein</u> - The vein was not located during several days of search. The area within which the vein appears to be located is heavily overgrown.

<u>CC#1 and CC#2 Veins</u> - The veins are parallel to and a short distance south of the Georgia vein. The CC#1 vein consists of quartz veins, stringers and boxworks. The veins are both approximately 100 meters long and up to 1.5 meters in width. The CC#1 vein contains very sparse mineralization while CC#2 shows stringers and lenses of massive pyrite, sphalerite and galena. Low gold values were obtained within both veins.

<u>Pond Vein</u> - The Pond vein consists of a wide zone similar to the Main vein in composition. The vein striking 320<sup>o</sup> consists of zones of siliceous material separated by sericite schists. The vein has been traced over a distance of 100 meters and appears to be terminated by a fault on the northwest and pinches into small quartz stringers to the southeast. Low gold values were obtained in one trench.

<u>Cobbett Vein</u> - The Cobbett vein located on the Georgia No.l claim parallels the Southwest vein and is a wide zone of quartz and calcite with little sulphide. Stringers of massive pyrite, galena and sphalerite striking into and contiguous to the Cobbett vein show appreciable silver

values and occasional gold values. The Cobbett vein was observed over a distance of 90 meters with widths up to 3 meters.

East and East-Bob Vein - East of the Bullion vein, a number of short discontinuous quartz lenses with appreciable gold values were outlined. The East vein consists of 3 possibly 4 short discontinuous veins, generally less than 20 meters in length, some of which carry gold values up to 3 oz. per ton. Individual lenses vary from 0.09 to 0.60 meters in width. The East-Bob vein is a quartz vein or stringer noted over a distance of 10 meters containing gold values over 1 oz. per ton. The vein appears to be from 0.1 to 0.20 meters in width.

Eastmark Vein - Immediately east of the Bullion vein near the No.2 portal, a zone of quartz stringers was outlined. The zone has been noted over a length of 50 meters and may be up to 2 meters wide. Individual quartz lenses in the zone carry appreciable gold and silver values. Due to its proximity to the Bullion vein and underground workings, the Eastmark vein deserves further exploraiton.

Zinc and Granodiorite Veins - Although the two veins are widespread, they show similarities in minerology and mode of occurrence. Both are sphalerite rich zones within sericite schist alteration zones generally near or contiguous to a granodiorite dyke. The zinc vein is a zone 0.12 to 1.10 meters in width outlined over a length of 25 meters. The Granodiorite vein is a zone 250 meters in length and generally 0.25 to 0.40 meters in width. It parallels a granodiorite dyke and shows spotty gold values except in Bullion Creek where several samples returned appreciable values (0.27 to 0.654 oz. per ton).

Both veins have generally low galena values and pyrite may form up to 50 percent of the sulphide component.

# Mineralogy

Three stages of faulting and quartz infusion would appear to be related to the mineralizing event at Georgia River Mine.

The first stage consists of early northwest faulting followed by later faulting in a northerly direction. Chlorite schists developed along these fault zones with quartz subsequently introduced into these zones. The quartz was sparsely mineralized with pyrite, pyrrhotite, galena and sphalerite with minor arsenopyrite.

The second state or main mineralization stage began with the intrusion of granodiorite dykes and the formation of fractures, brecciaiton of the early quartz veins and stringers and deposition of polymetallic minerals. Two separate mineralizing events appear to be related to the second stage. The first event would appear to be sphalerite-pyrite rich veins and stringers, low in quartz, deposited in sericite altered fractures zones near the intrusive.

This event produces veins generally low in gold and silver values. The second event would appear to be followed by the main guartz-gold-silver-polymetallic phase of mineral deposition.

Due to the brittle nature of rocks within areas of intersecting veins formed during the first stage, voids formed during brecciation related to the second stage were excellent host areas for subsequent mineralization. Evidence for this exists in the marked gold enrichment observed at the point of vein intersection. Diamond drilling has intersected quartz material along the Southwest vein with low pyrite, pyrrhotite, sphalerite and galena occurring as blebs and disseminations. Low gold values are associated with this quartz. Brecciated quartz with low sulphide content generally carries appreciable gold and silver values (>0.1 oz. Au/ton and 0.50 oz. Ag/ton) in contrast to the unbrecciated quartz.

The main quartz-gold-silver-polymettalic phase has produced quartz material having seams of massive pyrite, pyrrhotite, sphalerite and galena with minor chalcopyrite and rare arsenopyrite. The rock generally has a brecciated appearance with fractures filled with the above mentioned mineral assemblage. High grade gold intersections carry from 5 to 30 percent sulphides with the average around 10 percent. Gold and silver minerals are not obvious and must be intimately mixed with the sulphides. No native gold has been positively identified.

The sulphides, pyrite, and pyrrhotite may form 50 percent of the massive sections with a ratio of 1:1 sphalerite to galena generally forming the other 50 percent. Mariposite and/or fuschite are commonly noted within the chlorite schists.

The Au/Ag ratio is extremely variable over individual assays but the overall ratio appears to be 1:1.2.

The final stage of development is post mineralizing fault movement along the vein system and deposition of quartz-calcite veinlets. Occasional intersections from the Southwest vein exhibit mineralized quartz veinlets in chlorite schist clasts within a calcite matrix. This stage produced narrow drusy quartz filled fractures within observed intrusive rocks Calcite is the last gangue mineral to be deposited and is commonly found filling fractures in the wall rock zones.

#### DIAMOND DRILLING

A total of 904.24 meters of BQ size diamond drilling was completed in 15 holes - five separate panels of 3 holes each. Core recovery was in excess of 98 percent and all unsampled core is presently stored at the various drill sites.

Drilling was designed to test the down dip extension of a mineralized zone outlined along the Southwest vein. Significant results were obtained within 10 drill holes on the Southwest vein and 3 drill holes on the Gem ? vein. Results for the drilling are tabulated below:

		Intersection	Meterage	oz.Au/t	oz. Ag/t
DDH	GM-7	2.1 meters	20.88-22.98	0.35	0.29
DDH	GM-8	1.53 "	33.32-35.14	2.02	3.08
DDH	GM-10	0.61 "	27.59-28.20	0.659	0.35
DDH	GM-11	0.69 "	33.66-37.35	0.088	0.10
DDH	GM-12	1.67 "	70.57-72.24	1.365	1.10
DDH	GM-13	0.35 "	14.77-15.12	0.438	0.54
DDH	GM-14	0.31 "	15,88-16,19	3.31	6.23
DDH	GM-15	2.97 "	29.42-32.39	0.898	1.07
DDH	GM-20	2.44 "	71.95-74.39	2.05	1.28
DDH	GM-21	0.45 "	106.25-106.7	1.02	3.22
			Gem ? Vein		
DDH	GM-16	0.68 meters	17.61-18.29	0.032	0.18
DDH	GM-17	1.52 "	17.83-19.35	0.210	0.37
DDH	GM-18	2.07 "	18.36-20.43	0.064	0.10

Southwest Vein

The intersections on the Southwest vein are in the area where the 1979 drill hole GGP-3 intersected 0.96 oz. Au and 0.96 oz. Ag per ton across 1.45 meters.

Intersections of chloritic schists within DDH GGP-5 and GGP-3 were sampled during 1980 but indicated low gold values.

Figures 21 to 27 show the assay sections for drill holes GGP-2 to 5 and GM-7 to 21. Complete assay results for all holes sampled are located within Appendix II.

Drill holes GM-7, 8, and 9 intersected both the Georgia and Southwest veins. The Georgia vein intersected, consists of a series of quartz stringers over a 3 meter interval carrying pyrite, pyrrhotite with sparse galena. Low gold and silver values were encountered within the Georgia vein. The Southwest vein intersected varied greatly within the holes on the panel. Drill hole GM-7 intersected the high grade quartz stringer located in trench 14 as well as several other sulphide bearing quartz lenses. Drill hole GM-8 intersected one main quartz vein carrying abundant pyrrhotite, pyrite, galena and sphalerite with minor chalcopyrite. Drill hole GM-9 intersected a fault zone with cherty low sulphide quartz. Gold values were low in GM-9 but an intersection in the wall zone of the Southwest vein carrying 0.12 oz. Au per ton over 0.34 meters may indicate the start of a gold bearing quartz lense.

Thinly foliated, tuffaceous andesites were intersected in all the panels. The rocks are dark green with minor fragments up to 10 percent and abundant quartz and calcite veinlets.

Drill holes GM-10,11,12 drilled off the same set up as GM-7,8 and but but at azimuth 080°, intersected the same rock types as GM-7,8, and 9. The holes were drilled in order to test the Southwest vein. Low gold and silver values were encountered within the Georgia vein. Several sphalerite-pyrite stringers striking northeast on surface within Trench 16 were intersected both in GM 10 and 11. Appreciable gold and silver values (0.37 oz. Au and 0.30 oz. per ton over 0.37 meters in GM-10, 0.174 oz.Au and 0.67 oz. Ag per ton over 0.30 meters in GM-11 and 0.322 oz. Au and 1.00 oz. Ag per ton over 0.09 meters in GM-11) were intersected. This zone appears to be discontinuous with little lateral and depth extent. Intersections on this panel indicated a narrow Southwest zone in the upper two holes with few quartz lenses. High gold and silver values in GM-12 are related to abundant sulphide in brecciated quartz.

Drill holes GM-13, 14 and 15 were drilled approximately 22 meters north of GM-10,11 and 12 at azimuth 095° to test for downward extension of mineralization along the Southwest vein. Drill holes GM-13, and 14 intersected the downward extension of a high grade quartz stringer along the wall zone of the Southwest vein with little gold or silver values in the main Southwest vein. Several well mineralized quartz veins in GM-15 carried high gold and silver values.

The rocks intersected in the panel indicated an interbedded epiclastic sequence with dips to the southwest. The upper portions of the holes indicated andesitic flow rocks interbedded with andesite tuffs grading into siltstones with minor argillite. Drill hole GM-15 intersected an altered and possibly faulted-off granodiorite below the Southwest vein.

Drill holes GM-16, 17 and 18 were spotted to intersect the Southwest vein 35 meters north of GM-13, 14 and 15. The drill holes intersected a silicified tuff zone with quartz stringers dipping to the southwest.

This zone carried low gold values over good widths. The intersected zone may be the Gem vein which appears to strike through the area of the drill site.

Both GM-16 and 17 hit two narrow chlorite schist zones correlated with the Southwest vein. Drill hole GM-18 did not intersect the vein due either to a flexture in the Southwest vein or a downward steepening of the hole. The Southwest vein structure is a strong zone that should not pinch or end so abruptly as indicated by drill hole GM-18.

A narrow quartz lense in an intersection in one of the chlorite schist zones in GM-17 carried 0.146 oz. Au per ton. Although the lense carried a low pyrrhotite, pyrite and galena content it may indicate a potential for further possibly wider intersections down dip.

The holes intersected tuffaceous andesitic rocks in the upper portions, then augite porphyry basalts followed by fragmental andesite. The augite porphyry basalt is a massive medium grained, dark grey rock with 15 percent euhedral augite phenocrysts. The rock contains abundant epidote with minor pyrite and calcite veinlets.

Drill holes GM-19, 20 and 21 were drilled to test the Southwest vein, 35 meters south of drill holes GM-7, 8 and 9. The holes intersected granodiorite in the upper portions. This dyke correlates with a dyke on No.2 level and indicates a shallow dip to the southwest. The dyke has created a wide zone containing silicified and skarn sections. The Southwest vein is difficult to identify on this panel due to the thermal metamorphic effects. The country rocks surrounding the dyke appear to be andesites. Abundant quartz-epidote and pyriteepidote stringers are present.

The best assay intersection on the Southwest vein is on drill hole GM-20 where a 2.44 meter section runs 2.05 oz. Au per ton and 1.28 oz. Ag per ton.

Due to mechanical problems and bad weather drill hole GM-21 had to be terminated within good mineralization in the Southwest vein. The last 0.45 meters of the hole assayed 1.02 oz. Au per ton and 3.22 oz. Ag per ton. Drill hole GM-19 and 21 had wide intersections of unbrecciated quartz carrying sparse sulphides with low gold and silver values. Drill holes GM-19 and 20 also intersected narrow sphalerite-pyrite rich sections with low gold and silver values.

Figures 28 to 34 show the geological sections for drill holes GGP-2 to 5 and GM-7 to 21. Complete geological descriptions are in drill logs within Appendix I.

#### UNDERGROUND PROGRAM

An underground program consisting of underground mapping and sampling was conducted in the period September 26 to October 9, 1980. The No.2 adit was washed down using the diamond drill contractor's pump and hose. The lack of availability of a helicopter prevented moving the pump to the No.1 portal and as a result the No.1 adit was not washed down.

A total of 50 channel samples were taken along the drift backs as well as 8 grab samples from ore chutes and muck piles. Adit No.3 was not accessible due to sloughed glacial material at the portal.

A description of the veins observed by C. Dearin during the mapping and sampling program are included:

## "Veins BULLION VEIN

The Bullion structure was drifted on in adit two for a length of 545 feet. Here it is a very prominent shear zone but only has a total of 132 feet of well developed quartz vein in three separate sections averaging about 0.9 feet in width. The shear zone itself is about 5 feet in width. The best mineralization occurs at the raise and winze where the vein widens from an average width of 0.8 feet to about 5.8 feet for a length of about six feet. At this point assays up to 2.8 oz. Au/5.0 feet were obtained in the past. On the average this section of the vein is about 60 feet long with a width of 0.8 feet containing visible sulphides for the entire length. Two other quartz zones are developed further to the north and average about 35 feet long by 1.0 feet wide containing sulphides. The Bullion Vein appears to be much better developed on surface with a higher sulphide content. Interestingly the Main Vein intersects the Bullion Vein about 40 feet south of the raise in the adit but here the Bullion Vein is about two feet inside of the east wall of the drift. Good gold values should exist here.

#### SOUTHWEST VEIN

The Southwest Vein was intersected in a crosscut from adit two about 350 feet west of the Bullion Vein. The structure was drifted on for 131 feet to the south and 618 feet to the north. In the south drift the vein averages about 0.8 feet in width and pinches and swells and changes strike quite dramatically. Sulphides are present throughout most of the vein length. About 42 feet north of the face it intersects and displaces the Main Vein with about 18 feet of right handed movement. At this point of intersection there is a noted sulphide increase. The Southwest Vein turns abruptly into the east wall of the drift six feet from the face. Several small branching low-grade guartz stringers which strike into the face must have been mistaken for the Southwest Vein. It was probably on this basis that drifting was stopped due to the unobserved fact that the mineralized Southwest Vein turned into the wall.

In the north drift the fault structure is very consistent over a length of 618 feet but only about 327 feet of quartz vein is well developed averaging about 1.3 feet in width in five sections. All of this quartz material is mineralized.

The vein changes attitude from a northerly direction to a N40°E direction near the face and should intersect the Bullion Vein from 300 to 600 feet ahead of the face. The total production of 500 tons of ore grading 0.658 oz. Au and 0.82 Ag was mined from three stopes in this area. The average stope width appears to be about five feet but the quartz vein is only about 1.8 feet wide. This would give an estimated ore grade of 1.83 oz. Au over 1.8 feet of quartz vein.

At the face of the drift the vein branches into two mineralized but narrow veins. Directly ahead of the face this year's surface diamond drilling has proven the continuity of the vein with good sulphides from 50 to 400 feet north of the face.

The Southwest Vein was intersected in adit one about 280 feet above adit two. The vein was drifted on for a length of 154 feet. In the south drift the vein averaged a width of 1.0 feet. Old assays indicate a grade of 1.3 oz. Au along the vein. This would not be surprising as some of the best mineralization in the mine workings was noted here. The Main Vein was intersected here with about 19 feet of relative right handed movement. The face of the drift contains good sulphides and should grade fairly well.

The north drift followed the vein for a length of 85 feet. The vein averaged a width of 0.40 feet with some sulphides but is not expected to grade a significant gold content. Interestingly the vein swells from 0.3 feet wide to over 4.0 feet at the face. The sulphide content appears to increase as well.

#### MAIN VEIN

The Main Vein was intersected in both the adit one and two. The average true width underground is about 5.0 feet with an average dip of 60° SW. The vein is characteristically a silicified alteration zone containing narrow one foot quartz stringers. Disseminated sulphides, usually pyrite, is present in the alteration with pyrrhotite, galena and pyrite in the quartz. As mentioned above, when this vein intersects the Southwest Vein a noted increase in sulphides occurs in the Southwest Vein."

Underground sampling indicated gold bearing quartz lenses at the following locations:

- 1. A zone 38 meters long, 0.51 meters wide averaging 0.46 oz. Au per ton and 0.68 oz. Ag per ton at the intersection of the Southwest and Main vein on the No.2 level;
- 2. A zone 15 meters long, 0.52 meters wide averaging 0.479 oz. Au per ton and 0.64 oz. Ag per ton near the face of the No.2 drift north and where previous stoping occurred;
- 3. A zone 31 meters long, 0.3 meters wide averaging 0.738 oz. Au per ton and 0.98 oz. Ag per ton at the intersection of the Main and Southwest vein on the No.l level;

4. A zone 35 meters long, 0.25 meters wide averaging 0.27 oz. Au per ton and 1.05 oz. Ag per ton at the intersection of the Main and Bullion vein on No.2 level.

Complete assay information for the underground sampling is shown on Figures 35 and 36.

#### CONCLUSIONS

During May to October 1980, the Georgia River property has been explored by geological mapping, prospecting, trenching and sampling, underground mapping and sampling and diamond drilling. This work has indicated a complex geological environment of volcaniclastic and clastic sedimentary rocks and different episodes of major faulting. Numerous previously unexplored northerly and northwesterly quartz veins were located and sampled.

Work to date indicates that significant gold and silver values are associated with narrow polymetallic bearing quartz veins along chlorite schists in the northerly trending vein systems. Indications of surface sampling along the northwesterly systems indicate a generally low gold and silver content.

The property has excellent potential for developing ore potential particularly along the Southwest and possibly the Bullion veins. Exploration along the Southwest vein should concentrate on extensions below the area of 1980 drilling and between the No.1 and No.2 levels at the intersection of the Main and Southwest veins.

Additional exploration is required along the Eastmark vein due to the proximity to the underground workings on the Bullion vein and the significant gold values encountered. Exploration should also test between the Gem ? vein encountered in the upper portions of DDH GM-16, 17 and 18 and Trench 111.

The program should consist of surface diamond drilling to further test the ore potential of the property.

#### RECOMMENDATIONS

The program should consist of surface diamond drilling in panels of 2 to 3 holes along the veins. Distances between the holes would be determined as results were obtained from the previously drilled panels. Locations and estimated meterage for the panels to be drilled are outlined:

- Complete drill hole GM-21 to adequately define the mineralized zone.
- Drill a hole (-60°) to intersect between GM-20 and
   21 to adequately evaluate the mineralized zone.
   A total of 100 meters of drilling would be required.
- 3. Drill a panel of holes spaced between the panel including GM-7, 8 and 9 and GM-19, 20 and 21. A total of 250 meters of drilling would be needed to test the Southwest vein in this area.
- 4. Drill two panels of holes, 2 holes each, 30 meters west of drill sites GM-10, 11 and 12 and GM-13, 14 and 15. The holes would be angled to intersect the Southwest vein at greater depth than previously tested. A total of 200 meters of drilling would be required for each panel.
- 5. Drill one additional hole to test below GM-9 to adequately evaluate a quartz stringer carrying low gold values. The set up would have to be located approximately 30 meters west of the set up for GM-9. A total of 100 meters of drilling is required.

- 6. Drill one hole at the previous GM-16, 17 and 18 drill site to intersect the Southwest vein below GM-17. The hole, 100 meters in length, should be angled at -60° and would check a quartz stringer carrying low gold values.
- Drill a panel of 3 holes 15 meters south of GM-19,
   20 and 21. A total of 250 meters of drilling would be required.
- 8. Drill a panel of 2 holes from 2 separate sites, spaced 20 meters apart, to intersect the Southwest vein between the No.l and No.2 levels. The 4 holes required would total approximately 240 meters of drilling.
- 9. Drill a panel of 3 holes to test for any south extension of mineralization located on the No.l and No.2 levels along the Southwest vein at the intersection with the Main vein. A total of 300 meters would be required in this area.
- 10. Drill 3 separate panels of 2 holes each along the Southwest vein north of GM-16, 17 and 18. Two panels would test below a quartz stringer defined at surface averaging 1.54 oz. Au per ton over a 0.11 meter width and along a length of 100 meter (0.14 oz. Au per ton over 1.22 meter width). One panel would test below mineralization located at Trench 57 as well as test the interpreted intersection of the Southwest and Bullion veins. A total of 300 meters would be required for the 3 panels.

- 11. Drill two panels of 3 holes to test the Southwest vein in the area above the No.3 portal. A total of 300 meters of drilling would be required for the two panels.
- 12. Drill 4 panels of 2 holes each spaced 30 meters apart along the Southwest vein south from GM-19, 20 and 21 and the panel to be drilled 15 meters south of the above mentioned holes. A total of 500 meters would be required.
- 13. Drill several panels of 2 holes each along the Southwest vein in the area between the No.3 and No.1 levels. These would be wide spaced panels to determine the nature of the vein in the overburden covered area. A total of 350 meters is estimated in these locations.
- 14. Two drill holes totalling 50 meters each are proposed to test the Gem ? vein between Trench 111 and GM-16, 17 and 18.
- 15. Two holes totalling 50 meters each are proposed to test the Eastmark vein.
- 16. Three panels of 2 holes each are proposed to test the Bullion vein to determine its potential. A total of 300 meters would be required.

-	Total cost of the program is estimated as	follows:
1.	Diamond drilling - 3400 meters @ \$150/m all inclusive	\$510,000
2.	Contract helicopter for 3 months - - 300 hours @ \$395/hour	118,500
3.	Mobilization and demobilization of crews	20,000
4.	Camp set up and rental including - subsistence	50,000
5.	<pre>Personnel - 3 month program - 1 supervising geologist @\$265/day - 3 people for blasting drill sites @ \$165/day each</pre>	22,350 44,550
б.	Equipment rentals - 2 cobra drills - @ \$50/day each	9,000
7.	Consumables, includes fuel, dynamite, - caps,etc.	5,000
8.	Assaying 1000 samples @ \$20/sample	20,000
	TOTAL	\$799 <b>,</b> 400
	Contingency @ 10%	80,000
		\$879,400

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#### CERTIFICATE

I, EDWARD R. KRUCHKOWSKI, Geologist, residing at 23 Templeside Bay, North East, in the City of Calgary, in the Province of Alberta, hereby certify that:

- I received a Bachelor of Sciences Degree in Geology from the University of Alberta, Edmonton, Alberta in 1972.
- I have been practising my profession as an Exploration Geologist since 1972.
- 3. I am employed by E & B Explorations Ltd., at 2900 Cascade Building, 300 - 5th Avenue S.W., in the City of Calgary, in the Province of Alberta.
- I hold no direct interest in, or expect to receive any of the benefits from the minerals property or properties described in this report.
- 5. The work described in this report was undertaken under my direct supervision.

DATED at the City of Calgary, in the Province of Alberta This day of  $March_, A.D., 1981.$ 

ZR

E.R. KRUCHKOWSKI, B. Sc. Geologist



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Province of British Columbia Ministry of Mines and Petroleum Resources

MINERAL ACT

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# **Statement of Exploration and Development**

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			E&E	e-President Explo Explorations Ltd	irations 1.

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20M-1277-5035 (2)

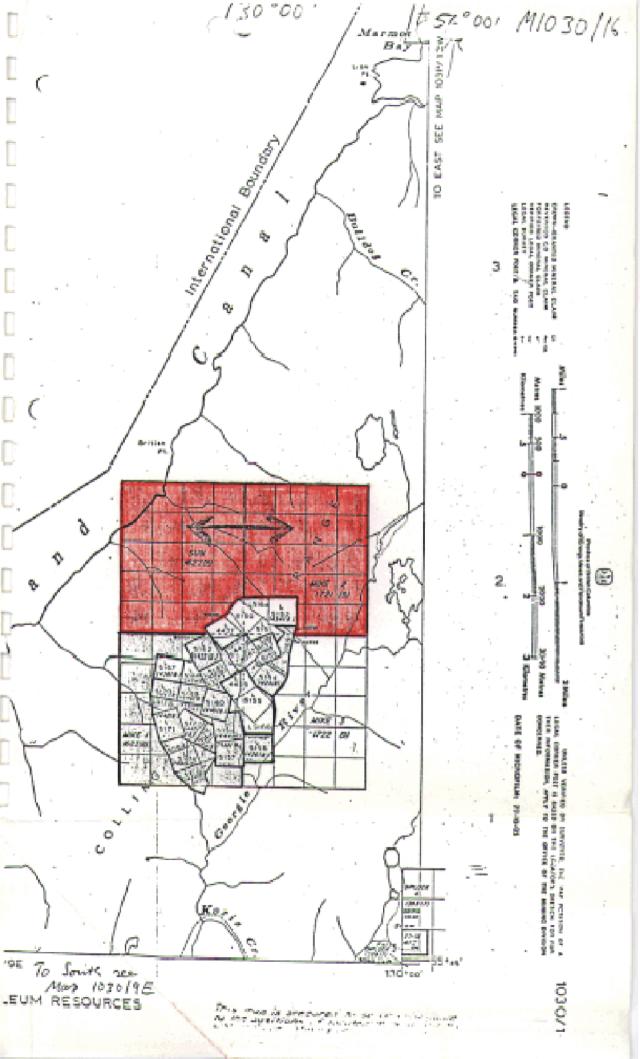


MINERAL ACT Form 1

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# NOTICE TO GROUP

Mining Division	Skeena		ែកព	Bri	tish Columbia	
<b>C</b> • • • •	gia River			anot	1030	)/16E
	d owners* of th	e fellov	ving adjoining 1	pineral c	Map No laims, desire to group them	
NAME OF	F CLAIM	No. of Uniu	Roccić No. or Lat Na	Month of Record	SIGNATURE OF OWNER.	Free Miner's Cerucate No.
<b></b>						1
 Sun #1		20	1622	08	Mike Boyle, Surrey	
Mike #2		20	1721	08	I "	in Inse
			·	<b> </b>	<u> </u>	
<u> </u>	<u> </u>				· · · · · · · · · · · · · · · · · · ·	
		 	[		- E&B Explorations Lt	d. 193077
<u></u>		<u> </u>	 	[	Taken la has	168841
					John C. Lund	
<b></b>		<u> </u>		_ <u> </u> /_	Vice-President Expl	
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و المساهد و الذي و والمسار الملك الألاف الله الله الله الله الله المالي و الري المسري المراكز				<b>_</b>	_ <u> </u> <b> </b>	
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**Province of British Columbia** Ministry of Mines and Petroleum Resources

MINERAL ACT

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# **Statement of Exploration and Development**

I, E&B Explorations Ltd.	Agent for Mike Boyle	(N)
2900, 300-5th Ave. S.W.	Surrey, B.C.	(Name)
(Address) Calgary, Alberta		(Address)
Valid subsisting F.M.C. No. 193077		A.C. No. Not available pl insert.
ATE THAT		~
1. I have done, or caused to be done, work on th	e Mike 3 (20 units)	
Record No.(s) 1722		
Situate at the Cassiar District		
to the value of at least 26,320,00	dollars. Work was done	from the 20 day
of May 19_80_, to th		
2. The following work was done in the 12 months (COMPLETE APPROPRIATE SEC PHYSICAL (Trenches, open cuts, adits, pits, share)	TION(S) A, B, C, D, FOLLO	WING)
(Give details as required by section 13 of		COST
·		
	TOTAL PHYSICAL	
PROSPECTING (Details in report submitted as per se	ction 9 of regulations.)	
(The itemized cost statement must be	part of the report.)	COST
	OTAL PHYSICAL AND FROSPECTING	
I wish to apply \$of this work	to the claims listed below.	
(State number of years to be applie	d to each claim and its month of reco	ord.)
	<b>F</b> .	
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(For C and D sections, please turn over.)

	C		· ·
C. DRILLING (Det	COST		
(The			
(Det (The	<b>GEOPHYSICAL, GEOCHEMICAL</b> ails in report submitted as per section 5, 6, or 7 of itemized cost statement must be part of the report te type of work in space below.)		
Pros	pecting & Geological Surveys		26,320.00
		TOTAL OF C AND D	26,320.00
Who poid for the e	bove-described work? Name E&B Explo	prations Ltd.	
vno paid for the a			
	Calgary	/, Alberta	
-			
Portable Assessment	Credits (PAC) Withdrawal Request		AMOUNT
	rawn from owner(s) account(s):		
	Name of Owne	u	
	30 per cent 1	· · · · · · · · · · · · · · · · · · ·	
of value of the app submitted as assessm	roved work ent work in 2		
C and (or) D.)	3	<u> </u>	
	4		_ ·
		TOTAL WITHDRAWAL	
	TOTAL OF C AND (OR) D	PLUS PAC WITHDEAWAT	
Mike #3 (20	(State number of years to be applied to each units) recorded September 18, 19		
	e credited to portable assessment credit (PA (May only be credited from the approved value of c		claims.)
-	Name		AMOUNT
n owner(s) name.			······
	2	······	• ••••••••••••••••••••••••••••••••••••
	3	······································	79-24-24
n operator(s) name	1		
(person paying for the work).	2		······································
	3		
		John le K (Signature o hn C. Lund	Applicant)
	Vic	nn C. Lund ce-President Explo B Explorations Lto	

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**Province of British Columbia** Ministry of Mines and Petroleum Resources

MINERAL ACT

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# **Statement of Exploration and Development**

I, E&B Explorations Ltd.	Agent for	Cannon Resou	rces Ltd.	
2900, 300-5th Ave. S.	.W.			
(Address) Calgary, Alberta		Vancouver, B	(Address) . C .	
Valid subsisting F.M.C. No. 19	)3077	Valid subsisting F.N	I.C. No. Not availabl insert.	e ple
ATE THAT			inser of	
1. I have done, or caused to be d	lone, work on the Goldfi	elds (l unit)	×	
7 4 7 4				(\$)
Record No.(s) 1434	istrict (			
Situate at the Cassiar Di to the value of at least 1,30			•	•
of May				•
	n the 12 months in which suc ROPRIATE SECTION(S) A s, adits, pits, shafts, reclamati	, B, C, D, FOLLO	WING)	
(Give details as require	ed by section 13 of regulations.)	Ţ	COST	7
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		TOTAL PHYSICAL		
PROSPECTING (Details in report s	submitted as per section 9 of regu	lations)		
(The itemized cost	statement must be part of the rep	port.)	COST	
				_
	TOTAL PHYSICAL	AND PROSPECTING		
I wish to apply \$			4.5	
(State number or	f years to be applied to each claim	and its month of recor	u- <i>)</i>	
				•- <i>*</i> •
		<u> </u>		
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(For C and D sections, please turn over.)

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C. DRILLING (De	tails in report submitted as per section 8 of regulations.	)	- 
(Դի	e itemized cost statement must be part of the report.)		COST
(De (Th	<b>GEOPHYSICAL, GEOCHEMICAL</b> tails in report submitted as per section 5, 6, or 7 of regule e itemized cost statement must be part of the report.) the type of work in space below.)	ilations.)	
	Prospecting & Geological Surveys		1,316.00
		TOTAL OF C AND D	1,316.00
Who paid for the a	bove-described work? Name E&B Explor		·····
	Address 2900, 300	)-5th Ave. S.W.	
	Calgary,	Alberta	
		······································	
	t Credits (PAC) Withdrawal Request		AMOUNT
Amount to be withe	rawn from owner(s) account(s):		
	Name of Owner		
(May be no more than of value of the app	30 per cent 1		
submitted as assessm			
C and (or) D.)	3		
<b>_</b>	4		
		TOTAL WITHDRAWAL	
	TOTAL OF C AND (OR) D PLU	S PAC WITHDRAWAL	
Goldfields	(State number of years to be applied to each clain ( l unit) Recorded August 2, 1979,		
	e credited to portable assessment credit (PAC) (May only be credited from the approved value of C an Name	-	claims.)
in owner(s) name.	1		
	2		
	3.		
n operator(s) name (person paying for	1		
the work).	2		····
	3		
		Signature o	-
		resident Exploi plorations Ltd	
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**Province of British Columbia** Ministry of Mines and Petroleum Resources

# MINERAL ACT **Statement of Exploration and Development** 1. Mike Boyle, Surrey, B.C. I. E&B Explorations Ltd. Agent for 2. Cannon Resources Ltd. 555 Howe Street 2900, 300-5th Ave. S.W. ( Calgary, Alberta T2P 3C4 (Address) Vancouver, B.C. Valid subsisting F.M.C. No. 193077 Valid subsisting F.M.C. No.Not available please insert STATE THAT 1. I have done, or caused to be done, work on the Please see attached list. Record No.(s) 1623, 1429-1433, 1435-1448 & 4438 (Crown Grant) Situate at the Cassiar District in the Skeena Mining Division, to the value of at least 66,455.00 dollars. Work was done from the 15 day of October 19.79, to the 20 day of November 19.79 2. The following work was done in the 12 months in which such work is required to be done: (COMPLETE APPROPRIATE SECTION(S) A, B, C, D, FOLLOWING) (Trenches, open cuts, adits, pits, shafts, reclamation, and construction of roads and trails) A, PHYSICAL (Give details as required by section 13 of regulations.) COST TOTAL PHYSICAL (Details in report submitted as per section 9 of regulations.) (The itemized cost statement must be part of the report.) B. PROSPECTING COST TOTAL PHYSICAL AND PROSPECTING I wish to apply \$.....of this work to the claims listed below. (State number of years to be applied to each claim and its month of record.)

(For C and D sections, please turn over.)

	(	C	
	stails in report submitted as per section 8 of regulation e itemized cost statement must be part of the report.)	s.)	COST
	· · ····		66,455.00
(D) (T)	<b>GEOPHYSICAL, GEOCHEMICAL</b> stails in report submitted as per section 5, 6, or 7 of report.) the itemized cost statement must be part of the report.) the type of work in space below.)	gulations.)	
		TOTAL OF C AND D	66,455.00
Who paid for the	above-described work? Name E&B Explo	rations Ltd.	
			·····
Portable Assessmen	t Credits (PAC) Withdrawal Request		AMOUNT
	rawn from owner(s) account(s):		
	Name of Owner		
(May be no more than of value of the app submitted as assess C and (or) D.)	roved work		
	4		
· .		TOTAL WITHDRAWAL	
	TOTAL OF C AND (OR) D PLU	JS PAC WITHDRAWAL	
I wish to apply \$6	6,300.00 of this work to the claims lis (State number of years to be applied to each clai		rd.)
Goldfields 2 & Sovereign 1 ( Goldfields 6 ( June 3 ( 1 uni Goldfields 1 (	TO EACH OF THE FOLLOWING CLAIMS: Jitney ( 1 unit), June 7 & Sept. 1 unit), June 8,9 & 10 ( 1 unit), 1 unit), Gem Fr. ( 1 unit), June t), June 4 ( 1 unit), June Fr. (1 1 unit), Sovereign ( 1 unit), Jun ALL OF THE ABOVE LISTE ON AUGUST 2, 1979.	Fr. (I unit), U Sovereign 2 (1 ( 1 unit), June unit), Goldfiel unit), Goldfiel	unit), Goldfields 5 1 ( l unit), June 2 ds 4 ( l unit), June 2 June 6 (1 unit),
	credited to portable assessment credit (PAC)		
	May only be credited from the approved value of C as	nd (or) D not applied to	claims.)
	Name		AMOUNT
n owner(s) name.	2		· · · · · · · · · · · · · · · · · · ·
	3		
n onerstaria)			
in operator(s) name (person paying for the work)	2	Į.	
the work).	3		
	<i>J</i>		
		John le	Paral
	1	(Signature oj	Applicant)
	John Vaca	C. Lund President Evole	wation-

(Mice-President Explorations

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GEORGIA RIVER

 $\left( \begin{array}{c} \cdot \\ \cdot \end{array} \right)$ 

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Claim Name	No. of Units	Record <u>Number</u>	Recording Date
Mike #1	20	1623	August 15, 1979
Goldfields #2 ] Jitney	1	1429 1429	August 2, 1979 August 2, 1979
June #7 September Fr.)	1	1430 1430	August 2, 1979 August 2, 1979
Danny Fr. Sovereign Fr. Sovereign #1	1	1431 1431 1431	August 2, 1979 August 2, 1979 August 2, 1979
June #8 June #9 June #10	1	1432 1432 1432	August 2, 1979 August 2, 1979 August 2, 1979
Sovereign #2	1	1433	August 2, 1979
Goldfields #5	1	1435	August 2, 1979
Goldfields #6	1	1436	August 2, 1979
Gem Fr.	1	1437	August 2, 1979
June	1	1438	August 2, 1979
June #1	. 1	1439	August 2, 1979
June #2	1 -	1440	August 2, 1979
June #3	1	1441	August 2, 1979
June #4	1	1442	August 2, 1979
June Fr.	1	1443	August 2, 1979
Goldfields #4	1	1444	August 2, 1979
Goldfields #1	1	1445	August 2, 1979
Sovereign	1	1446	August 2, 1979
June #5	1	1447	August 2, 1979
June #6	1	1448 -	August 2, 1979
Crown Grant - Georgia #1		4438	





NOTICE TO GROUP

Mining Division Skee

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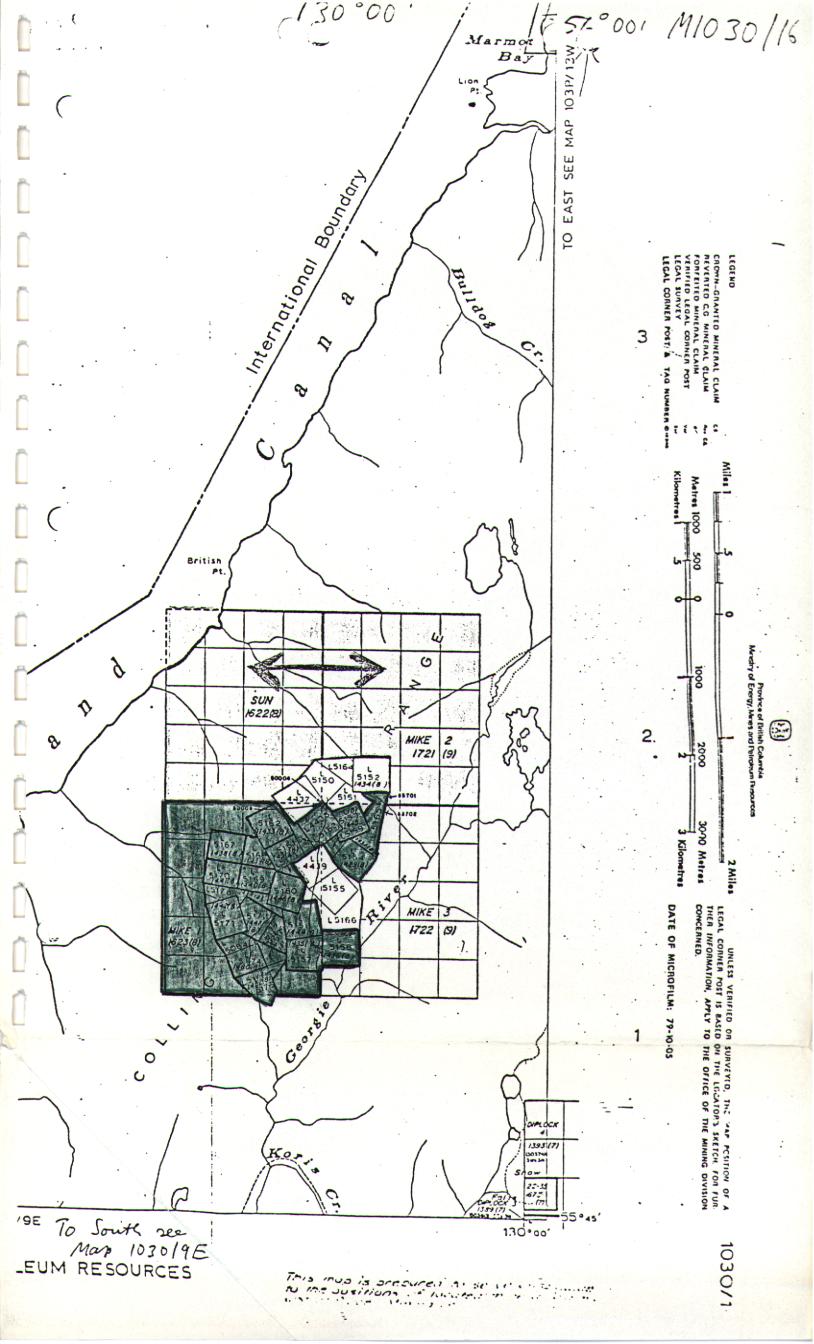
Skeena

\_\_ Location \_\_\_\_\_British Columbia

Name of group Georgia River

We, the undersigned owners\* of the following adjoining mineral claims, desire to group them according to the provisions of the Mineral Act:-

NAME OF CLAIM	No. of Units	Recerci No. or Lot No.	Month of Record	SIGNATURE OF OWNER.	Free Minor's Cerucate No.
Mike #1	20	1623	08	Mike Boyle, Surrey	Not Available
		·	-		Please Insert
Goldfields #2		1429	08	   	N. A. Please Inser
Jitney	1	1429	08	Cannon Resources	Please inser
		· · · · · · · · · · · · · · · · · · ·	•		
June #7 🕀		1430	80		1) 
September Fr.		1430	08		
Danny Fr.		1431	08	,,,,,,,	
Sovereign Fr.		1431	08		£T
Sovereign #1	1	1431	08	17	PI
			•	1	
June #8		1432	.08		11
June #9		1432	: 08		n
June #10		1432	. 08		11
Sovereign #2		1433	- 08	e)	11
Goldfields #5		1435	08		
Goldfields #6	1	1436	08	11	
Gem Fr.	1	1437	08	· · · · · · · · · · · · · · · · · · ·	
June	1	1438	08	11	31
June #1	1	1439	08	"	
June #2	1	1440	08	19	II
June #3	1 .	1441	08	"	11
June #4	1	1442	08	17	11
June Fr.	1	1443	08		a II. A start a start
Goldfields #4	1	1444	08	tr	
Goldfields #1	1	1445	08	It	
Sovereign	l	1446	08	))	11
June #5	1	1447	08		
June #6	1	1448	08		17
Crown Grant - Georgia #1		4438	_]	Thai Aaron Dev. Corp	Prease Inse
• . • • • • • • • • • • • • • • • • • •	·-··			) {	
				E&B Explorations Ltd	193077
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				John C. Lund Vice-President Explo	168841 rations
		== == = ···-= = · ··-= = ···=   ·		1	
			- 1 		
* Man to tipand by areat on behalf of owner	·	· · · · · · · · · · · · · · · · · · ·	!	· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·



# APPENDIX I

Geologic Drill Logs GM-7 to 21

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DRILL RECORD --

市の市政大学

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Coord.		
	Length 27.1m Project GEORGIA H	RIVER Hole No. GM-7
Elev. 1170	Azimuth 110 <sup>0</sup> Location Stewart, B.C.	Date Sept. 24-Sept.26/80
Core Size BO	Dip PurposeTest Southwes	

METER			DESCRIPTION	SAMPLE				ASSAY					
Prom	TO			NUMBER	From	To	{	Au	Aq	Рþ	Zn		
0	1.52	Overburden					(meter)				,		
1.52	11.3	Andesitic volcan-	Massive, weakly foliated, porphyritic rocks. Dark grey to										
		ic	purple grey, foliation at 55° to C.A. (8.23m)										
			Minor pyrite < 5%, limonite along fractures to 12.2m. Minor										
			<code>narrow quartz veinlets</code> $\sim$ 1 cm								·····		
			- rock is probably altered andesitic fragmental (granodiorit	2									
			15 m away)										
1.3 11.74	11.74	Quartz vein	Contact at 45 <sup>0</sup> to C.A. Vein is Georgia Vein. Vein contains	GM-7-1	    11 2	11 74							
			grey-green bleached volcanic stringers up to 2 cm.		*T.7	11./4	<u></u>						
			Coarse pyrite as blebs and stringers up to 3-4%, traces										
			galena					 					
11.74	14.02	Andesite tuff	Rock becomes more foliated and tuffaceous, banding ${\sim}1$ mm								-	•	
<u> </u>			Minor epidote, foliation at 45° to C.A.; pyrite 1/2%.										
14.02	14.18	Quartz stringers	Contact at 45°.	GM-7-2	14.02	14.18	0.16						
14.18	20.43	Andesite tuff	Dark grey green, generally massive with 1-2 cm guartz										
			stringers, Pyrite 5%, minor epidote.										
20.43	20.46	Quartz stringer	Contact at 45°, minor pyrite and galena								—		
			JULICE AND VALENC	<u>GM-7-3</u>	20.43	20.46	2.5.0					<u> </u>	
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Coord.	DRIL	L RECORD	PAGE 2
Core Size	Length	Project GEORGIA RIVER	Hole No. <u>GM-7-</u>
	Azimuth	Location	Date
	Dip	Furpose	Logged by

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METER From To			DESCRIPTION		INTE	RVAL	SAMPLE		AS	SAY	
				NUMBER	From	То	LENGTH	Au	Ag	Pb	Zn
0.46	20.88	Andesite tuff	Dark grey, minor pyrite		ļ		(meters)		ļ		
0.88	21.19	Quartz vein	Abundant sulphide, pyrite, galena, pyrchotite $\sim$ 3%	GM-7-4	20.88	21.1	0_31_				
1.19	21.43	Altered volcanic	Weakly bleached volcanic, pyrite 2%. Traces galena, minor quartz stringers up to 2 cm.	(311-7-5	21.19	21.4	0.24				
.43	24.70	Southwest Vein	Zone represents Southwest Vein system with 2 quartz veins a) 21.43-21.52		, ,						
			<ul> <li>b) 22.37-22.98</li> <li>21.43-21.74 - 10 cm quartz with heavy pyrite, galena, pyrrho</li> </ul>	-GM-7-6	21.43	21.74	0.31	- -			
			tite and arsenopyrite								
			21.74-22.04 - Silicified fault zone, grey to light green minor pyrite, pyrrhotite	GM-7-7	21.73	22.04	0.30				
			22.04-22.37 - Silicified fault zone, abundant pyrrhotite and pyrite ~1-2%, traces galena	GM-7-8	22,03	22.36	0.33				
			22.37-22.98 - Quartz vein, minor galena, pyrite and pyrrhotite 22.98-23.29 - Silicified fault zone - zone at $45^{\circ}$ to C.A., Minor		22.37						
_			quartz veinlets with galena, minor pyrite, pyrhotite. 23.29-23.60 - Silicified fault zone with minor quartz vein-		22,98	·					
			ing, abundant pyrite, traces galena	GM-7-11	23.29	23.60	0.31				

E & B EXPLORATIONS LTD.								

Coord.	I	DRILL RECORD	PAGE 3
	Length	Project <u>GEORGIA RIVER</u>	Hole No. GM-7
flev.	Azimuth	Location	Date
Core Size	Dip	Purpose	Logged by
			rogged by

MET			DESCRIPTION	SAMPLE	INTE	RVAL	SAMPLE		AS	SAY		•
:om	To	·		NUMBER GM-7-12	From	То	LENGTH	Au	Ag	Pb	Zn	<u> </u>
	·		23.60-23.90 - Silicified fault zone, minor quartz veining, abundant	GM-7-12	23.56	23.90	0.30	1			Ì	ļ
			pyrite in stringers and disseminated, traces galena							·		Γ
			23.90-24.20 - Silicified fault zone, minor pyrite, traces	GM-7-13	23.90	24.20	0.30					t-
			galena								t	Ĺ
			24.20-24.70 - Highly fractured, quartz stringers parallel to	GM-7-14	24.20	24.70	0.50					Ĺ
	·		C.A. in altered volcanic, minor galena in stringers - ground									F
			up quartz vein at 24.70 m.	· · · · · · · · · · · · · · · · · · ·			[	- <b></b>				ŀ
									1			ŀ
24.70 2	27.1	Andesite tuff	Minor guartz stringers up to 5 mm, minor pyrite, narrow									ſ
			bleached fractures ~1-2 mm				] .			1		ſ
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										*=		ſ
			27.1 meters END OF HOLE.									ŀ
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Coord.			•
	Length 37.8 meters	Project GEORGIA RIVER	Hole NoGM-8
Llev. <u>1170</u>	Azimuth 110°	Location Stewart, B.C.	Date Sept.26-Sept.30/80
Core Size <u>BQ</u>	Dip	Purpose Test Southwest Vein	Logged by E. Kruchkowski

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MET			DESCRIPTION	SYWDLE	INTER	VAL	SAMPLE		AS	SAY	
<u>om</u>	To		DBOCKIT FLOW	NUMBER	From	To	LENGTH (meters		Ag	Pb	Zn
0	1.83	Overburden						· · · · · · · · · · · · · · · · · · ·			
83 32.31	Andesite tuff	1.83-8.23 - Generally massive, weakly foliated rock.	· · · · · · · · · · · · · · · · · · ·								
			Altered due to proximity to granodiorite, dark grey, feldspar								
			phenocrysts up to 5 mm foliation at 50° to C.A. Abundant								
			pyrite ~3%. Minor epidote.				······································				
			8.23-17.4 - Tuffaceous, thinly, foliated, dark grey to brown						ļ		
			foliation at 55 <sup>0</sup> to C.A Minor pyrite.							1	
			17.4-32.3 - Mafic, highly foliated abundant epidote,								
			foliation at 55° to C.A., calcareous with 1-2 cm CaCo3								·····
			veinlets, extremely fine pyrite~5%, mafics up to 30%;							·}	
			clasts from 1-5 mm ~5-10% of rocks.				-			1	
			10.14-11.0 - Silicified bleached rock with abundant pyrite	GM-8-1	10.14	11.0	0.86			†	-
			stringers up to 4%.								
			12.35-12.5 - Silicified rock with 7 cm quartz stringers in	GM-8-2	2.35	12.5	0.15				
			middle, pyrite 4%		-				1		
	i		13.41-13.72 - Quartz with pyrite ~4%. Minor yellow micaeous mineral	GM-8-3	13:41	13.72	0.31				
			14.02-14.40 - Quartz vein, pyrite 1-2%, Traces pyrrhotite	GM-8-4	14.02	14.40	0.38				
32,31	35,67	Southwest Vein	32.31-33.32 - bleached, silicified volcanic with quartz stringers up to	GM-8-5	32.31	33.32	1.01				
			5 mm, traces pyrite, pyrrhotite and galena			<u> </u>			·	<u> </u>	
			33.32-34.84 - Quartz vein heavily mineralized with pyrrhotite, pyrite,								
	· · · · ·		galena with minor chalcopyrite and sphalerite.	•	<u> </u>						
		····	32.32-33.63 - Sulphides~20%	GM-8-6	33.32	33.6	0.31				

Core Size \_\_\_\_ Dip \_\_\_\_ Logged by \_\_\_\_ Purpose 

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METER			DESCRIPTION	SAMPLE NUMBER	INTE	IVAL	SAMPLE			SAY	+	
<u>rom</u>	TO			NUMBER	From	То	LENGTH	Λu	Ag	Pb	2n	$\vdash$
			<u>33.63-33.93 - Sulphides ~ 4%</u>				(meters) 0.31				<u> </u>	
_		- <u></u>	33.93-34.24 - " $\sim$ 20-30%; massive pyrrhotite stringers	GM-8-8	33.93	34.24	0.31					
			34.24-34.54 - " ~4%	GM-8-9	34.24	34.54	0.30					1
			34.54-34.84 " ~ 1%	GM-8-10	34.54	34.84	0.30		1	<u> </u>		T
			34.84-35.67 - Silicified, pale green fault zone, minor pyrite,	GM-8-11	34.84	35,14	0.30		1			Ť
			pyrrhotite, traces galena	GM-8-12	35.14	35.67	0.53				<u> </u>	İ.
5.67	37.8	Andesite Tuff	Weakly foliated, minor quartz veinlets up to 5 cm, pyrite $\sim$ 1%.						 			
				·								┞
			37.8 meters END OF HOLE									T
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Coord.	DR	(IPP RECORD ==	
	Length 63.11	ProjectGEORGIA RIVER	Hole No. GM-9
Elev. 1170	Azimuth 1100	Location STEWART, B.C.	Date Sept.26-Sept.27/80
Core Size BQ	Dip	Purpose TEST SOUTHWEST VEIN	Logged by
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MET			DESCRIPTION	SAMPLE	INTE	VAL	SAMPLE		AS	SAY		
rom	To	·	DESCRIPTION	NUMBER	From	То			Ag	Pb	Zn	
0	1.83	Overburden					(meters	}				
L.83	10.98	Andesite tuff	Dark grey, weakly foliated, porphyritic andesite, mafics									
			~10%, foliation 50° to C.A., pyrite ~1%									
	<b> </b>		·									
10.98	11.28	Quartz vein	Pyrite~2%	GM-9-1	10.98	11.28	0.30					
11.28	16.01	Andesite tuff	Minor quartz stringers up to 3 cm, pyrite ~1%									
16.01	16.46	Quartz vein	Pyrite ~ 2%	GM-9-2	16.01	16,46	0.45					
16.46	29.57	Andesite tuff	Numerous CaCo <sub>3</sub> veinlets up to 5 mm, foliation 20 <sup>0</sup> to C.A. at									
			27.1 meter.									
29.57	29.69	Quartz vein	Pyrite $\sim$ 2%, traces chalcopyrite and sphalerite	GM-9-3	29.57	29.69	0,12					
29.69	51.52	Andesite tuff	Abundant chlorite, minor epidote, pyrite ~1%.			-						
						<b> </b> '	· ·					
51.52	52.13	Quartz vein	Traces pyrite	GM-9-4	51.52	52.13	0.61					
52.13	52.32	Andesite tuff	-				·					
						<u> </u>						
52.32	52.47	Quartz vein	Traces pyrite	GM-9-5	52,13	52.47	0.34			-		
52.47	54,57	Andesite tuff	Minor CaCo <sub>3</sub> stringers, black, dense									

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Coord.		DRILL RECORD		PAGE 2
	Length	Project <u>GEORGIA RIVER</u>	Nole No.	GM-9
filev.	Azimuth	Location	Date	
Core Size	Dip	Purpose	Logged by	·

MET	To		DESCRIPTION	SAMPLE	INTE	<u>IVAL</u>	SAMPLE	<u> </u>	<u> </u>	SAY	<del></del>	· • • • • •
rom	— , ·			NUMBER	From	To	LENGTH (meters	Au	Aq	Pb	Zn	 
4.57	<u>56.63</u>	Southwest Vein	54.57-54.88 - silicified volcanic, altered, minor pyrite,	GM-9-6	54.57	54.88	0.31	[	<u> </u>			
			quartz stringers up to 2 mm.				<u> </u>	<u> </u>		1		
	;		54.88-55.18 - Same as above.	GM-9-7	54.88	55.18	0.30					[
		·	55.18-55.49 - Cherty quartz with altered volcanic fragments,	GM-9-8	55,18	55,⁄49	0.31					
			minor pyrite and pyrrhotite.						1			<u> </u>
			55.49-55.79 - Rounded and angular quartz and volcanic	GM-9-9	55.49	55 79	0.20		1			-
			fragments up to 2 cm $\sim$ 70% of rocks, minor pyrrhotite and									F
			pyrite.									-
			55.79-56.10 - Same as above	GM-9-10	55.79	56.10	0.31	[				1
			56.10-56.63 - Altered volcanic, minor pyrrhotite and pyrite	G1-9-11	56.10	56.63	0.53					
						1			·			-
5.63	63.11	Andesite tuff	Fragments up to 5 cm in a fine grained matric, abundant epidote,		1							┢
			chloritic clasts up to 15% of rock, abundant CaCO3, veinlets						1			-
								<u> </u>				-
		· · · ·	63.11 meters END OF HOLE									-
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Coord,	DKID	G RECORD	
	Length <u>36.62</u>	Project	Hole No. <u>GM-10</u>
Elev. 1170	Azimuth	Location STEFART, B.C.	Date0ct. 2/80
Core Size BO	Dip <u>-45<sup>0</sup></u>	PurposeTEST SOUTHWEST VEIN	Logged by <u>E. Kruchkowski</u>

MET			DESCRIPTION	SAMPLE	INTER	VAL.	SAMPLE		AS	SAY		• <u>•</u>
From	TO		DESCRIPTION	NUMBER	From	To	LENGTH Ineters	Au	Ag	Pb	Zn	$\square$
0	2.44	Overburden	·				(110 001 5			1		
2,44	6,80	Andesite tuff	Contact zone, andesite is porphyritic, weakly foliated at 55° to C.A								[	
			Minor pyrite.									
6.80	7.33	Quartz vein &	Minor pyrite ~12-3%	G74-10-1	6.80	7.33	0.53					<u> </u>
		Silicified volcanic										
7.33	7.93	Andesite tuff										
7.93	8.16	Quartz vein	Abundant silicified volcanic, pyrite $\sim 5$ %	GM-10-2	7.93	8.16	0.23					 
8.16	8.69	Andesite tuff										
8.69	9.22	Quartz vein	Pyrite $\sim$ 4%, traces galena ?	GM-10-3	8.69	9,22	0.53					<u> </u>
9.22	16.01	Andesite tuff	Foliation at 10.98 m - 50 <sup>0</sup> to C.A., chloritic, numerous quartz veinlets									
			parallel to foliation - up to 5 mm in width, minor pyrite.									
16.01	16,16	Quartz stringers	Abundant pyrite, minor sphalerite $\sim 20$ %	GM-10-4	16.01	16.16	0.15					
16.16	17.00	Andesite tuff										
17.00	17.37	Quartz vein	Coarse pyrite and minor sphalerite~20%	GM-10-5	17.00	17.37	0.37					

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Coord,	DR	ILL RECORD	PAGE 2
	Length	Project GEORGIA RIVER	Hole No. GM-10
Elev.	Azimuth	Location	Date
Core Size	Dip	Purpose	Logged by
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MET	'ER	[	DESCRIPTION	SYWDIE	INTER	IVVS	SAMPLE			δλΥ	
om	To		DESCRIPTION	NUMBER	From	То	· · · · · ·		Aq	PD	Z'n
7 <u>.37</u>	27.29	Andesite tuff	Brown to black, foliation at 26.52 m - 40% to C.A., pyrite ~2%, chlorit	ic			(meters)				
7.29	28.8	Southwest vein	27.29-27.59 - Sericite altered volcanic, light green (apple green)	GM-10-6	27.29	27.59	0.30				
			alteration mineral up to 5%, minor quartz veinlets, minor pyrrhotite and	÷							
			pyrite.								
			27.59-27.90 - Sericite altered volcanic and fault gouge, low pyrite,	GM-10-7	27.59	27.90	0.31				
			pyrrhotite.								
			27.90-28.20 - Quartz vein up to 10% pyrrhotite, pyrite, minor galena and	GM-10-8	27.90	28.20	0.30				
			sphalerite								
			28.20-28.51 - Quartz vein, 5% pyrrhotite and pyrite, minor fault gouge	GM-10-9	28.20	28.51	0.31		1		
			28.51-28.81 - Sericite altered volcanic, minor pyrrhotite and pyrite	GM-10-10	28.51	28.81	0.30				
8.8	36.62	Andesite tuff	Minor CaCo <sub>3</sub> veinlets, chloritic, minor pyrite								
						<u> </u>					
			36.62 meters END OF HOLE								
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Coord.	DIV1.	PP KECOKD			
	Length	Project	GEORGIA RIVER	Hole No.	GM-11
Elev. <u>1170</u>	Azimuth 0800	Location	STEWART, B.C.	Date	Oct.2/80
Core SizeBQ	Dip <u>-55<sup>0</sup></u>	Purpose	TEST SOUTHWEST VEIN	Logged by	E. Kruchkowski

MES			DESCRIPTION	SAMPLE						SAY	
rom	TO			NUMBER	From	To		Au	Āg	РЬ	Zn
0	1.83	Overburden		<b></b>			(meters				
.83	8,84	Andesite tuff	Altered zone near top, porphyritic, weakly foliated andesite becomes							1	
		· ·····	tuffaceous at 5.18 meters, abundant chlorite, pyrite $\sim$ 2%.								
3.84	9.05	Quartz vein	Minor silicified volcanic	GM-11-1	8.84	9.05	0.21				
9.05	9.60	Andesite tuff	•								
9.60	10.59	Quartz vein	Minor pyrite and pyrrhotite up to 5%.	GM-11-2	,		0.99				
				G/4=11=2	9.60	10.59	0.99				
L0.59	17,44	Andesite tuff	Pyrite $\sim 2$ %, foliation at 14.6 m - 50 <sup>0</sup> to C.A., chlorite, minor quartz		-						
			veinlets.								
7.44	17.53	Quartz Vein	Heavy pyrite, sphalerite /~ 2%	GM-11-3	17.44	17.53	0.09				
									<u> </u>		
.7.53	18.54	Andesite tuff									
9 54	18.84	Quartz vein	Heavy pyrite, sphalerite 28.	GM-11-4	18-57	18 27	<u> () 311</u>				
	36.66		Chloritic, minor CaCo <sub>3</sub> veinlets up to 5 mm, pyrite $\sim 23$ , foliation at	(*	10.54		0.50		.		
		Aldesite curr	23.48 meters - 55° to C.A.			<u> </u>				<b></b>	
				<b></b>		┨───					
36.66	39.02	Southwest vein	Core recovery, 160%, ground core	· · ·							[
			36.66-37.35 - silicified bleached, volcanic, minor pyrite, pyrhotite.	(74-11-5	36.66	37 35	0.69			-	

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Coord.	I	DRILL R	RECORD		PAGE 2
	Length	· F	Project	GEORGIA RIVER	Hole No. GM-11
Elev.	Azimuth	I	Location _		Date
Core Size	Dip	P	Purpose		Logged by

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ETER	4	DESCRIPTION	SAMPLE	INTE	RVAL	SAMPLE		AS	SAY	
om <u>To</u>			NUMBER	From	TO	LENGTH	Au	Ng.	Pb	Zn
		37.35-38.03 - Broken, ground core, minor pyrite, pyritotite, includes	(74-11-6	37.35	38.03	0.68		ļ	}	
		quartz and altered volcanic								
		38.03-38.72 - Quartz with chlorite seams, pyrite and pyrrhotite ~58	GM-11-7	38.03	38,72	0.69				i
		38.72-39.02 - Bleached, green sericite altered zone, minor pyrite,	(74-11-8	38.72	39.02	0.30				
		pyrrhotite								
02 46.03	Andesite tuff	Pyrite $\sim 2$ %, minor quartz and CaCo3 veinlets, chloritic, foliation at								
_		50° to C.A.		- <u>-</u>						. <u></u>
_										
-		46.03 meters END OF HOLE	<b>-</b> -			· ·				
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	DRILL RECORD							
Coord.	Length79.57	Project GEORGIA H	IVER Hol	= No				
Elev. 1170	Azimuth 0800	Location STEWART,	B.C. Dat	e Oct.2-Oct.3/80				
Core Size BO	Dip 70 <sup>0</sup>	Purpose <u>TEST SOU</u>	HVEST VEIN Log	ged by E Kruchkowski				

MET	'ER		DESCRIPTION	SAMPLE						SVA		
rom	То		DESCRIPTION	NUMBER	From		LENGTI	Au	Ag	Pb	Zn	
0	1.52	Overburden					(meters)				1	
1.52 8.23 Andesite tuff	Altered zone to 5.18 m, chloritic, porphyritic at top, pyrite $\sim$ 3%									[		
			foliation at 55° to C.A.									
8.23	8,54	Quartz vein	Includes silicified volcanic, pyrite, pyrrhotite $\sim$ 5%	G•1-12-1	8.23	8.54	0.31					
8.54	9.30	Andesite tuff			-							
9.30	9.60	Silicified volcanic	Includes quartz veins, pyrrhotite and pyrite ~,4%	GM-12-2	9.30	9.60	0.30					
9.60	10.34	Andesite tuff	Minor quartz veinlets, minor pyrite									
10.34 12.20 Quartz vein	Quartz vein	10.34-10.67 - Silicified volcanic and quartz stringers, pyrrhotite,	GM-12-3	10.34	10.6	0.33						
		and pyrite 78 رم										
		·····	10.67-10.98 - Quartz with minor pyrrhotite, pyrite, traces galena	{	10.67				<u> </u>			
		10.98-11.28 - Quartz, pyrite and pyrrhotite 8%		10.98			l	<u> </u>				
	·	11.28-11.59 - Quartz minor sulphides	GM-12-6 GM-12-7	11.28	<u> </u>							
		11.59-11.89 - Quartz sulphides $\sim 4$ %	GM-12-7 GM-12-8	<u></u>		0.30			·			
		11.89-12.20 - Quartz, pyrite, pyrrhotite with traces galena $\sim$ 7%					<u> </u>		1			
12.20 66.77 Andesite tuff	Thinly laminated, chloritic pyritie $\sim$ 3%, narrow quartz veinlets to		+									
		to 5 cm generally parallel to foliation. Foliation at $23.48 - 55^{\circ}$	•		1	1	1	1				
	1		to CA Tocally coarse clastic material, chloritic, minor pyrite rich	kones.	· · · · ·	·		1	1	1		}

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Coord.	DRIL	. RECORD	PAGE 2
	Length	Project GEORGIA RIVER	Hole No. GM-12
Elev.	Azimuth	Location	Date
Core Size	Dip	Purpose	Logged by

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MET			DESCRIPTION	SAMPLE						SAY		
<u>om</u>	10			NUMBER	From	To	LENGTH (meters	Au	Ag	Pb	Zn	1
			Foliation at 41.16 - 45 <sup>0</sup>				, meters	r				
			57.01 - 45 <sup>0</sup>									Ī
												1-
.77	72.26	Southwest vein	66.77-67.38 - Quartz vein with $\sim 1$ %, pyrrhotite pyrite.	GM-12-9	67.77	67.38	9,61					Γ
			67.38-67.77 - Volcanic with minor quartz veinlets, minor pyrite.	GM-12-10	67.38	67.77	0.39					Ì
			67.77-67.99 - Quartz vein, minor pyrite	GM-12-11	67.77	67.99	0.22					İ
			67.99-68.14 - Volcanic, minor pyrite	GM-12-12	67.99	68.14	0.15	-				ł
			68.14-68.59 - Quartz vein, minor pyrite $\sim 2$ %	GM-12-13	68.14	68.59	0.45	1				ŀ
			68.59-69.36 - Bleached volcanic with 8 cm quartz stringers at 69.05m	GM-12-14	68.59	69.36	0.77					ł
		· · · ·	with good pyrrhotite, pyrite, galena mineralization.			···		·				t
			69.36-70.57 - Fault gouge with mineralized quartz fragments, coarse cube	GM-12-15	69.36	70.57	-1.21					ŀ
			pyrite in gouge. Volcanic fragments with 5mm mineralized guartz stringe	rs								t
		· · · · · · · · · · · · · · · · · · ·	(pyrite pyrrhotite, galena) as breccia in CaCo3, matrix fragments up to									t
		-	$2 \text{ cm} \sim 40\%$ of zone.									t
			70.57-70.88 - Bleached, altered volcanic	GM-12-16	70.57	70.88	0.31					ł
			70.88-71.19 - Quartz vein with $\sim$ 2%, pyrite, pyrrhotite and traces gales	a GM-12-17	70.88	71.19	0:31					ł
			71.19-71.95 - Quartz vein with good mineralizaiton pyrite, pyrrhotite	GM-12-18			(					ł
			and galena $\sim$ 7%									ł
			71.95-72.26 - Calcite-quartz vein with bleached volcanic, low pyrite,	GM-12-19	71.95	72.26	0.29					ł
		. <u></u> .	pyrrhotite.									ł
				Y		· · · · ·						ŀ
2,26	79.57	Andesite fragmental	Clastic rock with flattening of clasts	<b>-</b>								ŀ
		· · · · · · · · · · · · · · · · · · ·	79.57 meters END OF HOLE.	······································	<u> </u>							ŀ

DRILL RECORD --

Coord.			
	Length 26.22	Project <u>GEORGIA RIVER</u>	Hole No. GM-13
1175	Azimuth 095 <sup>0</sup>	Location STEVART, B.C.	Date0ct.9/80
Core Size <u>BQ</u>	Dip450	Purpose TEST SOUTHMEST VEIN	Logged byE. Kruchkowski

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MET			DESCRIPTION	SAMPLE					ASS	SAY		• <u> </u>
From	<u> </u>			NUMBER	From	То	LENGTH	Au	Ag	Pb	Zn	
0	3.05	Casing					(meters)					
3.05	14.18	Andesite	Weakly foliated, medium grained, dark grey, foliation at 12.20m -									
			$42^{\circ}$ to C.A. Minor quartz - CaCo <sub>3</sub> veinlets parallel to foliation									
			chloritic, pyrite < 5%					-				·
14.18	14.77	Silicified wall rock	Abundant quartz stringers $\sim 40$ % with minor pyrite, light purple	GM-13-1	14 18	14 77	0.59					
		of Southwest Vein		01 15 1				•				
14.77	16.22	Southwest Vein	14.77-15.12 - Quartz vein as follows: 3.8 cm quartz, 3.8 cm well	GM-13-2	1,4.77	15.12	0.35	<u></u>				·· <del>····</del>
			mineralized quartz with pyrite/sphalerite ~~5%				-					
			7.5 cm green, pyrite mineralized bleached volcanic									
			7.5 cm red sparsely mineralized volcanic.		<b></b>							
			12.5 cm well mineralized quartz with pyrite, pyrrhotite, sphalerite and									
			galena ~ 6%.									
			15.12-15.76 - green bleached volcanic minor quartz stringers, pyrite	GM-13-3	15.12	15.76	0.64					
		·	< 1%						· · ·			
			15.76-16.22 - Fault gouge, fragments of quartz $\sim$ 1cm in 40% clay and	GM-13-4	15.76	16.22	0.46					
		······································	chlorite matrix, minor pyrite, pyrrhotite $\sim 2$ %									
16.22	16.77	Silicified volcanic	Red volcanic with quartz stringers up to 7 cm - quartz $\sim$ 3% of rock,	GM-13-5	16.32	16.77	0.55					
			minor pyrite ~ 2%.									
		·										
16.77	26.22	Andesite	Foliation at 21.3 m - 50° to C.A. Numerous CaCo <sub>3</sub> veinlets along	•								
			fractures, chloritic, medium grained, dark grey, pyrite $\sim$ 1%		<u> </u>							
1		ł	26.22 meters END OF HOLE			1	1			·		(

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Coord.	Length <u>35.06</u> Azimuth <u>095<sup>0</sup></u>	DRILL RECORD Project <u>GEORGIA RIVER</u> Location <u>STEWART</u> , B.C.	Hole No. <u>GM-14</u> Date Oct. 4 - Oct. 10/80
		E & B EXPLORATIONS LTD.	

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rom	To		DESCRIPTION	SAMPLE	INTE				ΔS	SAY		<u> </u>
0	3.05	Casing		NUMBER	From	То	LENGTH		Ag	Pb	Zn	Ţ
.05	15.0	Andesite	Medium grained, pyritic foliation at 11.59 m - $45^{\circ}$ to C.A.				(meters	, 	<u> </u>			
									ļ			ļ
.0	15.88	Silicified volcanic	Abundant pyrrhotite and pyrite $\sim 3-48$ . Numerous quartz stringers	Q4-14-1	15.0	15,88	0.88			<b> </b>		T
<u> </u>	<u></u>								<u> </u> '			1
.88	16.19	Quartz vein	Well mineralized with pyrrhotite, pyrite sphalerite and galena $\sim$ 7%	GM-14-2	15.88	16.19	0.31	<u>.</u>	<b> </b>			ŀ
.19	18.67	Andesite	Massive, weakly foliated - Foliation at 17.38m - 53° to C.A.									ŀ
			U U U U U U U U U U U U U U U U		- <u></u>							ſ
.67	20.58	Southwest Vein	18.67-18.98 - Green altered volcanic with tiny quartz veinlets with	GM-14-3	18.67	18,98	0.31					Ļ
			pyrrhotite - 10 cm barren quartz stringers at 18.88 m.									ŀ
			18.98-19.57 - Fault gouge, clay and chloritic volcanic.	GM-14-4	18.98	19.57	0,59		┝──╼┦			ŀ
}			19.57-19.82 - Brecciated quartz vein, sparse pyrrhotite, pyrite 228	G1-14-5		1 1	r				<u> </u>	-
			19.82-20.27 - Altered green volcanic with stringers of quartz up to									┢
			1 cm, pyrrhotite, pyrite along fractures as veinlets, sulphides $\sim 4$ %.	GM-14-6	19.82	20.27	0.45	[				-
			20.27-20.58 - Green to red altered, weakly silicified volcanic minor		20.21	L I	0.31					
			pyrite and pyrrhotite.								• .	
.58	24.39	Andesite tuff	Chloritic, minor CaCo <sub>3</sub> veinlets.									•
	35.06							-+		<b></b>  -		_
	23.00	Wacke and argillite	Interbedded thinly bedded argillite, minor pyrite, highly fractured									-
			with CaCo <sub>3</sub> veinlets along, fractures, wacke is medium grained, generally	·								
[	~		well sorted - bedding at 34.45 m is 65° to C.A.									

E & B EXPLORATIONS LTD. DRILL RECORD	

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***	Length	Project GEORGIA RIVER	Hole No. GM-14
Elev.	Azimuth	Location STEWART, B.C.	Date
Core Size	Dip	Purpose	roddeg part

	DESCRIPTION	SAMPLE NUMBER	INTER	VAL	SAMPLE	*	ASSAY	
· · · · · · · · · · · · · · · · · · ·		NUMBER	From	ΊО	LENGTH			
	at 31.4 - displacement along fracture planes at 22° to C.A argillite	_						1
	beds displaced $\sim 1$ cm.							+
_]						<del></del>		<u> </u>
_			└── <b>──</b> ├-					
	35.06 meters FND OF HOLE						_	<u> </u>
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### E & B EXPLORATIONS LTD.

Coord.		DRILL RECORD	
	Length	Project GEORGIA RIVER	Nole No. GM-15
Elev. 1175	Azimuth 095 <sup>0</sup>	Location STEWART, B.C.	Date Oct. 10/80
Core Size <u>BQ</u>	Dip	Purpose TEST SOUTHWEST VEIN	Logged by E. Kruchkowski
MEMICO			

rom	To	•	DESCRIPTION	SAMPLE	INTE	IVAL	SAMPLE			SAY	,
0	3.05	Casing		NUMBER	FIOM	10	LENGTH (meters)	Au	Ag	Pb	Zn
3.05	<u> 16.4</u> 6	Andesite tuff	Foliation at 8.23 meters - 52° to C.A. Chloritic. Minor pyrite, minor					·····		<u> </u>	<u> </u>
			CaCol veinlets.								
5,46	17.84	Siltstone/wacke	Brown, bedding at 67° to C.A., fine grained, minor pyrite								
7.84	18.26	Silicified siltstone	Quartz stringers with pyrite $\sim 38$	GM-15-1							
			is a solution with price / 50	G4=10=1	17.84	18.26	0.42				
.26	27.35	Siltstone	Brown, minor pyrite, minor black argillite beds $\sim 1~{ m cm}$ . Numerous								 
			CaCo3 veinlets along fractures, progressively coarser grained down hole				<u></u>				
			resembles greywacke at Southwest Vein.								
27.35	36.81	Southwest Vein	27.35-27.90 - Quartz stringers with pyrrhotite ~1.5 cm, includes	GM-15-2	27.35	27 90	0.45				
			unaltered volcanic and bleached altered volcanic	.1115 2							
			27.90-29.42 - bleached volcanic, resembles greywacke, minor pyrrhotite	GM-15-3	27.90	29.42	1.52	{			
			quartz stringers ~1 cm with pyrrhotite, pyrite mineralization at 350								
		····	to C.A. At 28.81m - breccia zone $\nearrow$ to C.A. with pyrrhotite & pyrite 29.42-29.73 - Quartz vein and quartz breccia, pyrite, pyrrhotite and								~
		·	$\frac{1}{2}$ galena $\sim 4$ %	GM-10-4	29.42	29,73	0.31				
			29.73-30.03 - Quartz vein with pyrite, pyrrhotite and galena 225%	GM-15-5	29.73	30.03	0.30				
			30.03-30.34 - Quartz vein, sulphides ~ 38		30.03	1					
			30.34-30.64 - Silicified volcanic, coarse pyrite pyrhotite ~10%		30.34						
			30.64-31.40 - Silicified volcanic, quartz stringers with pyrrhotite		30.64-						

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Coord.	DRE	LLL RECORD		PAGE 2
Elev.	Length	ProjectGEORGIA RIVER	Hole No.	GM-15
Core Size	Azimuth Dip	Location	Date	
	nth	Purpose	Logged b	У

MET		{ .	DESCRIPTION	SAMPLE	TMOR	DUAT	SAMPLE	<u> </u>		<u> </u>	
mo	TO		DESCRIPTION	NUMBER	From	TO	LENGTH		-	SAY	r1
<b>-</b> -			pyrite (1 cm wide) at 32° to C.A. Minor fault gouge at 31.34m				(meters)	AU	<u>Ag</u>	Pb_	zn_
<b></b>  -			$31.40-31.71$ - quartz vein with pyrrhotite pyrite and galena $\sim 15\%$	GM-15-9	31.40	31.71	0.31		<u> </u>		
			31.71-32.01 - Quartz vein, sulphides $\sim$ 15%	(M-15-10					<b> </b>		
			32.01-32.39 - Quartz vein sulphides $\sim 20$ %	CM-15-11					<u> </u>		
			32.39-34.15 - Silicified bleached volcanic, minor quartz stringers up	GM-15-12							
			to 1.5 cm at 30° to C.A. Minor pyrrhotite, pyrite								
			34.15-36.81 - Bleached, weakly silicified intrusive, minor quartz	GM-15-13	34.15	36.81	2.66				
			stringers $\sim$ 1mm with minor pyrrhotite and pyrite.								
5.81	38,72	Granodiorite	Medium grained, red, weakly foliated, minor CaCo3 veinlets.		·						
			38.72 meters END OF HOLE				╏────┼				
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### DRILL RECORD --

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Coord,

	Length 50.61	Project GEORGIA RIVER	Nole No. GM-16
f:lev. 1192 m	Azimuth 1100	Location STEWART, B.C.	DateOct. 11/80
Core SizeBO	Dip	Purpose TEST SOUTHWEST VEIN	Logged by E. Kruchkowski

MET From	CER TO		DESCRIPTION	SAMPLE	INTE	IVAL	SAMPLET		AS	SAY		<u> </u>
	·	· · · · · · · · · · · · · · · · · · ·		NUMBER	From	TO	LENGTH	AU	Aa	Pb	2n	1
0	3,35	Overburden				[	(meters)			1		[
3.35	17.61	Andesite tuff	Thinly foliated, chloritic, felsic, calcareous tuffs from 10.37-12.8,			<u> </u>						
			calcite stringers highly contorted $\sim$ 40% of rock - possibly metamorphose	a					1			
			tuff and limestone bed, minor pyrite.									 
<u> </u>			Foliation at 8.8 m - $42^{\circ}$ to C.A.			~				<u>                                     </u>	1	
			" at 14.3 m - $40^{\circ}$ to C.A.						·[			
			Small fragments up to 5 mm flattened in foliation direction					-				
	ļ	~		· · · · · · · · · · · · · · · · · · ·								
17.61	18,29		Minor pyrite and pyrrhotite $\sim$ 3%	GM-16-1	17.61	18.29	0.68			<b>├</b> ──-		
		Silicified volcanic								i		
18.29	43.45	Andesite tuff	Clasts up to 1 cm $\sim$ 15% of rock - flattened in foliation direction,									
			abundant CaCo3 veinlets parallel to foliation.						<u> </u>			
			Foliation at 21.95 - 42° to C.A.									
			" at 32.01 - 55 <sup>0</sup> to C.A.									
·			" at 41.15 - 35 <sup>0</sup> to C.A.						╎╌╌╴╎			
										·		
43.45	45.27	Southwest Vein	Bleached, light green zone, minor quartz stringer $\sim$ 12 cm quartz stringe	r.								
			brecciated at 44.13 - 44.29m.									
			43.45-43.90 - Minor quartz stringers, minor pyrite.	GM-16-2	47 45	43 90	0.45			<u> </u>		<u> </u>
			43.90-44.21 - Minor gouge, brecciated quartz with pyrrhotite and pyrite	GM-16-3			/ •					<u>-</u>
	·		44.21-44.51 - Bleached volcanic, bright apple green micaeous mineral,	GM-16-4							—— ·	
	<u> </u>		minor brecciated quartz pyrite ~1%.							-		
	<b></b>		44.51-44.82 - Bleached volcanic	GM-16-5	44.51	44.82	0.31		<b></b>			
			· · · · ·									

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Coord.	
Description         Project         GEORGIA RIVER         Hole No.         GM-16           Elev.         Azimuth         Location         Date	

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	· ·			NUMBER	From	ΤO	LENGTI	Au	Ag	Pb	Zn	Т
			44.82-45.27 - Bleached volcanic, minor quartz and pyrite.	<b>CH-16-6</b>	44.82	45.2	(meters) 0.45					Ī
27	47.4	Andesite tuff	Highly fractured with CaCo3 on fractures, minor pyrite							<u> </u>		ļ
_			45.27-45.58 - Abundant quartz stringers	GM-16-7	45.27	45.5	3 0.31				 	Ì
	48.78	Southwest Vein	47.4-47.71 - Bleached volcanic, minor pyrite	· GM-16-8	47.4							Į
			47.71-48.02 - Bleached volcanic, minor pyrite, minor coarse galena, trac		47.4	47.71						ļ
			chalcopyrite	<sup>≅</sup> GM−16−9	47.71	48.1	2 0.31					ł
	•		48.02-48.32 - Bleached volcanic, minor gouge, minor pyrite	GM-16-10	48,02	48.3	2 0.30		<u> </u>			ļ
			48.32-48.78 - 20 cm brecciated quartz with minor pyrite, 26 cm	GM-16-11		48.7			<b></b>			ł
	- <b></b>		bleached vplcanic									ł
78	50.61	Augite porphyry	Dense, fine grained, minor pyrite, euhedral augite phenocrysts $\sim 15\%$									ľ
		Basalt	up to 5 mm.									ĺ
						· _						ŀ
-			50.61 meters END OF HOLE.									[
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Coord.	Ditt		
	Length73.48	Project GEORGIA RIVER	Hole No
Elev. <u>1192 meters</u>	Azimuth 110 <sup>0</sup>	Location STEMART, B.C.	Date <u>Oct. 11 - Oct. 12/80</u>
Core Size BO	Dip50	Purpose TEST SOUTHMEST VEIN	Logged by <u>E. Kruchkowski</u>

MET			DESCRIPTION	SAMPLE				1	AS	SAY		
From	TO	· · · · · · · · · · · · · · · · · · ·		NUMBER	From	То	LENGTH	Au	Ag	Pb	Zn	
0	3.35	Overburden					(meters	þ				l
3.35	16.92	Andesite tuff	Calcareous felsic tuff 9.76 - 13.1 m; calcite veins highly contorted	1					1	<b>-</b> -		í –
			(metamorphosed limestone and tuff) Foliation at 9.45 m - $40^{\circ}$ to C.A.,	· · · · · · · · · · · · · · · · · · ·								
			minor pyrite									
16.92	17.23	Quartz vein	Inclusions of volcanic, minor pyrite and pyrrhotite	GM-17-1	16.92	17.23	0.31					
7.23	17.83	Andesite tuff										
17.83	19.35	Silicified tuff	Quartz stringers and weakly silicified tuff with 5-6% pyrite, light	GM-17-2	17.83	19,35	1.52					
		· · · ·	grey to red									
9.35	44.36	Andesite tuff	Minor interbedded siltstone and argillite, minor pyrite.	-			_ <b></b>					
			Foliation at $28.05 - 50^{\circ}$ to C.A.	1								
			" at $42.68 - 40^{\circ}$ to C.A.									
									1			
4.36	44.66	Quartz vein	Minor volcanic, pyrite~1%	GM-17-3	44.36	44.66	0.30					
		·		<u> </u>								
4.66	47.41	Andesite tuff	Foliation at 46.6 - 35 <sup>0</sup> to C.A., minor pyrite.	· · · · · ·								
47.41	47.56	Quartz vein	$47.41-47.56 - 10$ cm volcanic and 5 cm quartz stringers at $20^{\circ}$ contact,	GM-17-4	47.41	47.56	0.15					
			minor galena, pyrrhotite and pyrite 3%	1		·						•
47.56	49.39	Andesite tuff		-					-			
												<b></b>

		E & B EXPLORATIONS LTD.	
Coord.		DRILL RECORD	PACE 2
	Length	Project GEORGIA RIVER	Hole No. <u>GM-17</u>
Elev.	Azimuth	Location	Date
Core Size	Dip	Purpose	Logged by

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MET			DESCRIPTION	SAMPLE						SAY		
rom	To			NUMBER	From	TO			Aq	Pb	ጽ	4
9.39	54.27	Andesite	Medium grained, grey with CaCo3 veinlets				(meters	<b>)</b>				
			53.43 - 53.73 - Bleached andesite with barren quartz stringers	GM-17-5	53.43	53.73	0.30		1			Î
				· · · · · · · · · · · · · · · · · · ·			· · · ·					t
4.27	55.18	Southwest Vein	Bleached, sericitic, talcose zone									Ì
			54.27-54.57 - Bleached volcanic with apple green mineral, minor pyrite	GM-17-6	54.27	54.57	0.30		1			İ
			in fractures, one narrow quartz veinlet $\sim$ 3 cm with abundant galena									1
			and pyrrhotite									t
			54.57-54.88 - Minor fault gouge and bleached volcanic, minor quartz	GM-17-7	54.57	54,88	0.31					1
			with galena									t
			54.88-55.18 - Bleached volcanic, pyrite ~1%	GM-17-8	54.88	55.18	0.30		-			1
												t
5.18	63.41	Andesite tuff	Highly fractured, minor quartz - CaCo <sub>3</sub> veinlets.									1
53.41	64.33	Southwest Vein	63.41-63.72 - Weakly bleached, light green volcanic, minor pyrite	(3M-17-9	63.41	63.72	0.31		-			•
	·		63.27-64.02 - Bleached basalt, minor pyrite	G™-17-10	63.72							t
			64.02-64.33 - Minor fault gouge and quartz stringers with pyrite	GM-17-11	64.02			]				t
		· · · · ·							+		<u> </u>	ł
54.33	73.48	Augite porphyry	Medium grained, dark grey, epidote rich, minor pyrite and homatito,					<u> </u>		1		ł
		Basalt	minor CaCo <sub>3</sub> veinlets.		-							1
								<u> </u>	-			İ
			73.48 meters END OF HOLE									ŧ
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Logged by E. Kruchkowski

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NET	TO		DESCRIPTION	SAMPLE	INTE	IVAL	SAMPLE		ÀS	SAY		_
<u>. Om</u>				NUMBER	From	To	LENGTH (meters)		Aq	.Pb	Zn	1-
0	3.35	Overburden				<b> </b>						+
. 35	18,36		Same as in G4-16, 17, foliation at 13.7 m $-35^{\circ}$ to C.A.							<b>i</b>		4-
<u></u>	10.30		Salle as in GP16, 17, foliation at 13.7 m -35 to C.A.									 T
. 36	20.43	Silicified volcanic	Quartz stringers, abundant pyrite, pyrrhotite, traces galena,	GH-18-1	18.36	19.44	1.08					T
			sphalerite.		19.44							ł
.43	25.46	Andesite tuff	Minor pyrite - CaCo <sub>3</sub> veinlet up to 10 cm, foliation at 24.4 - 35 <sup>0</sup>									ł
			to C.A.							 		ł
.46	25.77	_Quartz vein	Traces pyrrhotite	GM-18-3	25.46	25.77	0.31					ł
	54.27	Andreite I CC										1
<u></u>	14.27	Andesite tuff	Minor pyrite, foliation at $46.95 - 40^{\circ}$ to C.A.	<u> </u>	<b></b>							ļ
.27	112.19	Augite porphyry	Medium grained, dark grey with $\sim 15\%$ euhedral augite phenocrysts					•. <b>==</b> · · ·				ł
		Basalt										
2.19	126.8	2 Fragmental	Predominantly coarse clastic andesitic fragments - fragments up to									+
		Andesite	1 cm, angular, rock is weakly bleached, minor pyrite, foliation at							·		ł
			$125.7 \text{ m} - 35^{\circ}$ to C.A.									ł
												ŀ
	<b></b> -		126.82 meters END OF HOLE.									İ
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Coord.		DRÌLL	RECORD		. •.	
	Length 75 meters	i.	Project	GEORGIA RIVER	÷	No. CM-19
Elev. 1175	Azimuth 105°		Location _	STEWART, B.C.		Date Oct. 14-Oct.15/80
Core Size <u>BQ</u>	Dip45 <sup>0</sup>		Purpose	TEST SOUTHWEST VEIN,		Logged by E. Kruchkowski

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ME1 From	TER	•	DESCRIPTION	SAMPLE					AS	SAY		<b>.</b>
	[	Overburden		NUMBER	From	TO		+	Ag	15	Zn	
0	1.83			<u> </u>		ł	(meters)					
1.83	30.03	Granodiorite	Hornblende granodiorite,~10% euhedral hornblende crystals, medium			1		·			·1	
			grained, equigranular, traces pyrite, pyrrhotite quartz $\sim$ 10%.									
30,03	32.01	Altered Andesite	Extremely chloritic, minor quartz veinlets up to 1 cm, grey to green,							<b>  </b>		
			abundant pyrite, pyrrhotite.			-			. <b> </b>	$\vdash$		
			29.57-30.18 - Granodiorite/andesite contact abundant pyrite, pyrrhotite with traces sphalerite and galena	GM-19-1	29.57	30.18	0.61					
			31.32-31.55 - volcanic with quartz - pyrite pyrrhotite stringers $\sim$ 5mm.	GM-19-2	31.32	31.55	0.23	<b></b>				
	<u> </u>		Sulphides ~7%						$\left\{ - \right\}$	┟╼╼╍┤	$\rightarrow$	
32.01	41.16	Granodiorite										
41.16	47.71	Altered andesite	Extremely chloritic, minor pyrite, pyrrhotite, minor epidote, grey						╞──┦	╎╼╼╼┥┧		-
			green in colour.							ł		
47.71	49.60	Silicified volcanic	47.71-47.87 - Quartz vein, minor pyrrhotite pyrite, minor reddish	GM-19-3	47,71	47.8/	0.16			·	<b></b>	
			volcanic.	· · · · · · · · · · · · · · · · · · ·						{	i	
			47.87-48.02 - Volcanic, minor quartz veinlets with pyrite and pyrrhotite						<b>├──</b> ]	·		:
			48.02-48.32 - Grey siliceous zone, disseminated pyrite, fine pyrite in	GM-19-5	48.02	48.32	0.30					
	 		bands up to 2 mm, trace galena	<u>+</u>	-		0.30			]		
			48.32-48.63 - Siliceous zone, abundant pyrite in stringers $\sim$ 20%, trace	GM-19-6	48.32	48.63	0.31				-	
			galena								[·	
— <b>——</b> -	<u> </u>		48.63-48.93 - Grey siliceous zone, sphalerite/pyrite stringer~5mm, sul-	GM-19-7	48.63	48,93	0.30					
			phides $\sim 15$ % - disseminated and stringers, trace galena.			<b> </b>			·		-	
			48.93-49.24 - Grey siliceous zone - quartz stringers with galena, pyrr-	GM-19-8	48.93	49.24	0.31		ł			<b></b>
	I	1	botite and pyrite - sulphides //6%		ł		<b></b>					

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Coord.	DRILL	RECORD	PAGE 2
	Length	Project GEORGIA RIVER	Hole No GM-19
flev.	Azimuth	Location	Date
Core Size	Dip	Purpose	Logged by

MET			DESCRIPTION	SAMPLE						SAY		
rom	To			NUMBER	From	то	LENGTH	Au	Aq	Pb	Zn	<u> </u>
			49.24-49.60 - Quartz stringer up to 12 cm in grey siliceous zone, minor	GM-19-9	49.24	49.60	0.36					
			galena - sulphides $\sim 5$ %							ł		
												-
9.60	50.9	Andesite tuff ?	Volcanic with quartz stringers	······								1
			49.60-60.21 - minor pyrite	GM-19 10	49.60	50.21	0.61					İ
			50.21-50.9 - Three quartz stringers, minor pyrite, pyrrhotite, trace	GM-19-11	50,21	50.9	0.69					f -
			galena - stringers up to 2 cm.									
												Ļ
0.9	51.9	Silicified volcanic	50.9-50.30 - Grey siliceous zone $\sim$ 60% with quartz stringers and	GM-19-12	50.9	51.30	0.40	·				1
			reddish altered volcanic, minor pyrite.									
			51.30-51.60 - Grey siliceous rock, quartz stringers with pyrite and pyri	-GM-19-13	51.30	51.60	0.30					
			hotite sulphides $\sim 6$ %.						1			
			51.60-51.91 - Grey siliceous rock, minor quartz veinlets, pyrite,	GM-19-14	51.60	51.91	0.31		1.	1		1
			minor pyrrhotite $\sim$ 4%.									
1.91	55.03	Southwest Vein ?	51.91-52.21 - Green, schistose rock with pyrite/sphalerite stringer,	GM-19-15	51.91		0.30			-		╞
			sulphides ~5%.		51.91	52.2			}			
			52.21-52.52 - Green altered rock, minor pyrite/sphalerite stringers,	<b>31-</b> 19-16	52.21	52.5:	<del>0.31</del>			['		
			sulphides $\sim$ 4%.									-
			52.52-53.20 - Altered volcanic and green chloritic rocks, minor epidote	GM-19-17	52.52	53.2	0.38					┢
			minor pyrite.		<b> </b>							-
<u>.</u>			53.20-53.51 - Fault gouge and brecciated guartz	GM-19-18	53,20	53.5	0.31					
						1	1					

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Coord.	DR	ILL RECORD	PAGE 3
	Length	ProjectGEORGIA RIVER	Hole No
Clev.	Azimuth	Location	Date
Core Size	Dip	Purpose	Logged by

METER	<b></b> ] .	DESCRIPTION	SAMPLE						SAY		
T mon	<u>'0</u>		NUMBER	From	TO	LENGTH (meters)	Au	Ag	Pb	Zn	
		53.51-53.81 - Fault gouge and brecciated quartz, pyrite and	GM-19-19	53.51	53.8	0.30					1
		pyrrhotite ~ 2%									Ī
		53.81-54.12 Green altered volcanic with quartz stringers	CM-19-20	53.81	54.12	0.31					Γ
		with pyrite and minor pyrrhotite.						1			]
		54.12-55.03 - Green Altered zone - minor unaltered volcanic - apple	(74-19-21	54.12	55.03	0.91	1	1	1		1
		green miceous mineral, minor pyrite, pyrrhotite.									-
5.03 61.	28 Silicified Zone	55.03-55.79 - Minor altered volcanic, siliceous zone at 55.03-55.18,	GM-19-22	55,03	55.79	0.76					
		generally grey altered rock, minor pyrite, pyrrhotite.						1			F
		55.79-56.10 - Green altered rock with fine pyrite/sphalerite stringers,	GM-19-23	55.79	56.10	0.31		1			t
		sulphides ~4%.	· · · · · · · · · · · · · · · · · · ·		<u> </u>			1			t
		56.10-56.40 - Massive pyrite/sphalerite stringer up to 10 cm. Sulphides	GM-19-24	56.10	56.40	0.30			-		t
		∼ 25%.							1		-
		56.40-56.71 - Quartz with abundant pyrite/sphalerite. Abundant epidote	GM-19-25	56.40	56.71	0.31			1		t
		sulphides ~/15%.				 		-			t
		56.71-57.62 - Minor altered volcanic, generally weakly silicified volcan	CGM-19-26	56.71	57.62	0.91	<u> </u>			ļ	t
		with abundant epidote, minor pyrite.									-
		57.62-58.54 - Green-grey altered rock, minor barren quartz stringers,	GM-19-27	57,62	58.5/	0.92	<u>}</u>	-			ŀ
		minor pyrite.								<u> </u>	-
		58,54-59,45 - Same as previous, minor unaltered volcanic with epidote,	₫-19-28	58.54	59.49	0.91	ł	-	<u> </u>		
		minor pyrite.		<u> </u>	·			-			-
		59.45-60.37 - Minor unaltered volcanic, minor pyrite, generally	•	1					1	<u> </u>	-
		sericitic altered.	GM-19-29	59.45	60 3	0.92		+			-

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Coord.	DRI	LL RECORD	PAGE 4
	Length	Project GEORGIA RIVER	Hole No. <u>GM-19</u>
Elev.	Azimuth	Location	Date
Core Size	Dip	Purpose	Logged by

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METEI			DESCRIPTION	SAMPLE						SAY	·	
rom	TO		BBCATI HON	NOMBER	From	TO		Au	Ag	Pb	Zn	Γ
			60.37-61.28 - Minor quartz veinlets and breccia up to 5 cm, sulphides	GM-19-30	60.37	61.28	(meters) 0.91			1		
			38.		İ						[	
<u>1.28 62</u>	2.20	Altered andesite	61.28-62.20 - Generally unaltered volcanic with abundant narrow	G1-19-31	61,28	62.20	0.92					T
			quartz stringers, minor epidote.			: 						
2.20-65	5.64	Silicified Zone	Neakly silicified			<u> </u> 			-			-
	[		62.20-63.11 - Quartz stringers with pyrite, minor epidote	GM-19-32	62.20	63.11	0.91		1			t
			63.11-63.57 - Pyrite 4%	GM-19-33	63.11	63.57	0.46		1	1		t
			63.57-64.94 - Locally weakly silicified, minor pyrite						1			t
			64.94-65.64 - Pyrite, pyrrhotite 4%	GM-19-34	64.94	65.64	0.70					t
5.64 70		Altered Andesite					i					Ţ
3.04 /1		Altered Andesite	Grey volcanic with abundant quartz - epidote stringers and "eyes",		İ					ļ		
			Minor pyrite - epidote stringers, chloritic.		ļ				<u> </u>	ļ		L
10 04 70		Quartz Vein			ļ			<u> </u>	<u> </u>	ļ	<u> </u>	
10.04 70	.42	Quartz vein	Brecciated quartz vein and minor volcanic, minor pyrite stringers	GM-19-35	70.04	70.42	0.38	<u>[</u>	1		[]	
0.42 71	. 34	Altered Andesite					· · ·			-		
									·	<u> </u>		
1.34 71	.65	Silicified Volcanic	Silicified zone with pyrite/sphalerite stringers , Sulphides 20%	<b>ጉ1–19–3</b> 6	71.34	71.65	0.31					
1.65 75	5.	Altered Andesite	Abundant quartz - epidote "eyes" and veinlets 10% of rock -	+		<u> </u>						-
			numerous quartz - pyrrhotite veinlets.									-
			75 meters END OF HOLE				<u> </u>				ł	┢╸

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Coord.								
	Length <u>81.4</u>	Project	GEORGIA RIVER		Hole No. <u>GM-20</u>			
<b>Elev.</b> 1175	Azimuth <u>1050</u>	Location	STEWART, B.C.		Date Oct. 15-Oct. 16/80			
Core Size BO	Dip	Purpose	TEST SOUTHWEST VEIN		Logged by <u>E. Kruchkowski</u>			

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NET	ER		DESCRIPTION	SAMPLE					AS	5λΥ		*****
Prom	To	•	DESCRIPTION	NUMBER	From				Ag	Pb	Zn	
0	1 83	Overburden					(meters	,	1			
1.83	42.37	Granodiorite	Medium grained hornblende granodiorite, grey, shows chill margin									Ĩ
			30 cm at 42.37 m.						1			
					1				1		Î	[
42,37	62.80	Altered Andesite	Dark grey with mottling from quartz epidote "eyes" and stringers and						1			
			chlorite patches "eyes" $\sim$ 3 cm across,minor pyrrhotite, pyrite and				_					
			quartz veinlets. Skarn zone.									
			44.59-45.03 - mottled volcanic with massive pyrrhotite stringers	GM-20-1	44.59	15.03	0.44					
			$\sim$ 10% of rock		]						-	
			46.72-47.64 - Silicified zone, grey with pyrrhotite, pyrite $\sim$ 3%, minor	GM-20-2	46.72	47.64	0.92					
			epidote, trace galena						1			
			47.64-48.70 - pyrrhotite and pyrite ~2%, minor epidote, silicified	GM-20-3	47.64	18.70	1.06					
		i	volcanic									
			43.98-44.44 - Mottled volcanic with quartz stringers with pyrrhotite	GM-20-4	43.98	44.44	0.46					
			and pyrite - sulphides 10%.									
			62.4-62.80 - Weakly altered volcanic with quartz/pyrite, pyrrhotite,	GM-20-5	62.4	52.8	0.40					
			stringers,									
62.80	64.94	Southwest Vein	Brecciated, altered zone, light grey green.		1	· ····						
			62.80-63.11 - Quartz and volcanic breccia, minor pyrite, pyrrhotite	GM-20-6	62.80	63.11	0.31					
			63.11-63.41 - Fault gouge with brecciated quartz.	GM-20-7	63.11	63.41	0.30					
			63.41-63.72 - Minor fault gouge for 15 cm then altered volcanic, highly	∩M-20-8	63.41	63.72	0.31					
			sericitic	•		1						
			63.72-64.02 - Sericitic, altered volcanic, traces pyrite, pyrrhotite.	GM-20-9	63.72	64.02	0.30					

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Coord	Length	ProjectGEORGIA RIVER	Hole No. CM-20
Llev.	Azimuth	Location	Date
Core Size	Dip	Purpose	Logged by

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METE			DESCRIPTION	SAMPLE						SAY	····	
rom	To			NUMBER	From	То	LENGTH (meters	Au	Ag	Pb	<u>2n</u>	 
			64.02-64.33 - Brecciated volcanic with minor quartz stringer $\sim 2\pi m$ , with	GM-20-10	64.02	64.33						
			pyrrhotite and galena							1		
			64.33-64.63 - Brecciated quartz and gouge, minor coarse patches of pyrite	GM-20-11	64.33	64.63	0.30					Γ
	[		and pyrrhotite						1			Γ
		······································	64.63-64.94 - Bleached altered volcanic, minor pyrite and pyrrhotite	GM-20-12	64.63	64.94	0.31					Ĺ
1.94 6	9.21	Altered Andesite	Grey to pyrple, quartz, epidote veinlets, weak silicification							<u> </u>		
			66.43-67.13 - Silicified zone, minor pyrrhotite, pyrite and minor epidote	(74-20-13	66.43	67.13	0.70					F
9.21 7	4.85	Southwest Vein	69.21-69.51 - Quartz vein and minor altered green volcanic, heavy pyrite	GM-20-14	69.21	69.51	0.30					Γ
			pyrrhotite and traces galena in quartz - sulphides ~~7%.						1			Γ
		· · · · · · · · · · · · · · · · · · ·	69.51-69.82 - Altered volcanic and quartz veinlets, brecciated, minor	GM-20-15	69.51	69.82	0.31					t
			pyrite, pyrrhotite in veinlets sulphides ~3%						1			ţ-
		·	69.82-70.12 - Brecciated quartz vein and volcanic, sulphides pyrite,	G2M-20-16	69.82	70.12	0.30					t
			pyrrhotite~3%	······································								Ť
			70.12-70.43 - $\sim$ 50% quartz veins with volcanic, minor subhides	GM-20-17	70.12	70.43	0.31			<u> </u>		1-
			70.43-70.73 - Brecciated volcanic and quartz vein, sparse sulphides $\sim 2$ %	GM-20-18	70.43	70.73	0,30			<u> </u>		t
			70.73-71.04 - Brecciated bleached volcanic.	GM-20-19	70.73	71.04	0.31					F
			71.04-71.34 - Bleached volcanic, minor sulphides	GM-20-20	71.04	71.34	0.34					ŀ
			71.34-71.65 - Volcanic, bleached, minor sulphides and quartz veinlets	GM-20-21	71.34	71.65	0.31			<u> </u>	<u> </u>	┢
		· · · · · ·	71.65-71.95 - Bleached volcanic	GM-20-22	71.65	71.95	0.30					-
			71.95-72.26 - Quartz vein, white with $\sim$ 7%, pyrrhotite, pyrite & galena	GM-20-23•	71.95	72.26	0.31					-
			72.26-72.71 - Minor brecciated quartz at 72.26 - remainder bleached vol	GM-20-24	72.26	72.71	0.45		1			Γ

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Coord.	DRIL	L RECORD	PAGE 3
	Length	Project GEORGIA RIVER	Hole No. <u>GM-20</u>
flev.	Azimuth	Location	Date
Core Size	Dip	Purpose	Logged by

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MET			DESCRIPTION	SAMPLE					AS	SAY		
From	To	·		NUMBER	From	To			Aq	Pb	Zn	
			72.71-73.17 - Quartz vein and quartz breccia, heavily mineralized, pyrit	₽ <b>,GM-</b> 2025	72,71	73.1	(meters) 0.46	]				
			pyrrhotite, galena $\sim 10$ %.					-	[	1		
	]		73.17-73.48 - Minor altered volcanic $\sim$ 10cm and well mineralized quartz	GM-20-26	73.17	73.4	8 0.31					
			vein pyrite, pyrihotite, galena $\sim$ 6%.						1	1		[
			73.48-73.78 - Quartz vein with $\sim 25$ % pyrrhotite, pyrite, galena	Q1-20-27	73.48	73.7	3 0.30		  .			j
			73.78-74.09 - Quartz vein with ~7% pyrrhotite, pyrite, galena	GM-20-28	73.78	74.0	0.31					
			74.09-74.39 - Quartz vein and quartz vein breccia with gouge, minor	GM-20-29	74.09	74.3	0.30		<u>}</u>			<u> </u>
			pyrite, pyrrhotite and galena					<u> </u>	<u> </u>			
		······································	74.39-74.70 - Quartz vein breccia and quartz vein, sparse sulphides	GM-20-30	74.39	74.7	0.31					
			74.70-74.85 - Bleached volcanic, minor sulphides	GM-20-31	74.70	74.8	0.15					┢
					<b> </b>			{		<u> </u>		i—
74.85	76.21	Altered Andesite	Minor epidote and CaCo <sub>3</sub> veinlets		·		·					
	_											
76.21	76.82	Southwest Vein ?	Bleached zone, sparse sulphides	GM-20-32	76.21	76.82	0.61					
76.82	81.4	Altered Andesite	Grey, minor quartz veinlets, abundant epidote locally.									
			78.81-78.93 - Massive pyrite/sphalerite stringers	GM-20-33	78.81	78.9	B 0,12					
			81.4 meters END OF HOLE.									
			81.4 meters END OF HOLE.	· · · ·	 	<u> </u>		}	<u> </u>			<u> </u>
		· · · ·										
		·····		-						-		
			· ·									

Coord.	זמ	RILL RECORD	
	Length <u>106.7</u>	Project <u>GEORGIA RIVER</u>	Hole No GM-21
<b>Elev.</b> 1175	Azimuth 1050	Location STEWART, B.C.	Date Oct. 16 - Oct. 19/80
Core Size BO	Dip	Purpose TEST SOUTHWEST VEIN	Logged by E. Kruchkowski
	•		

MEI			DESCRIPTION	SAMPLE	INTE	VAL	SAMPLE		AŚS	5AY		1
rom	<u> </u>		DESCRIPTION	NUMBER	From	То	LENGTH A	u	Ag	Pb	Zn	
0	1.83	Overburden					(meters)					
1.83	39.25	Granodiorite										
9,25	64.33	Altered Andesite	Mottled volcanic, chloritic, epidote, patches, local silicification,									
			abundant pyrite and pyrrhotite.								1	
			39.25-40.24 - weakly silicified, pyritic volcanic	GM-21-1	39.25	40.24	0.99					
		······································	40.24-41.08 - Highly silicified volcanic and quartz stringers, pyrite,	GM-21-2				_				
			pyrhotite $\sim$ 48.									
			41.08-41.48 - Quartz vein ~ 8cm and sericitic, volcanic with pyrite/	GM-21-3	41.OB	41.48	0.40					_
			sphalerite stringers.									
			47.79-48.02 - Grey siliceous zone, abundant pyrite, pyrrhotite $\sim$ 8%.	GM-21-4	47.79	48.02	0.23				-	-
			50.46-51.22 - Grey, siliceous zone with quartz stringers, abundant	GM-21-5	50.46	51.22	0.76					
			pyrite, pyrrhotite, minor epidote.									
			53.08-53.20 - Grey siliceous zone with quartz stringers.	GM−21−6	53.08	53.20	0.12					
4.33	66.01	Quartz vein	Sparse pyrrhotite and pyrite, some altered andesite inclusions.									
			64.94-65.55 - Abundant volcanic	GM-21-7	64 32	64 63	0:30					
				GM-21-8								
				GM-21-9						ŀ		
-				GM-21-10			0.01		{		ł	
6.01	77.89	Altered Andesite	Abundant pyrite, pyrrhotite							-		-
			65.85-66.16 - Quartz vein and volcanic.	CM-21-11	65,85	66.16	0.31			-	·	
<u> </u>			66.16-66.77 - Silicified volcanic, pyrite, pyrhotite $\sim$ 3%	GM-21-12	66.16	66.77	0.31					
_			70.96-71.26 - Quartz stringer with pyrite/sphalerite and silicified rock	.04-21-13	70.96	71.26	0.30					

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Coord.	DRILL	RECORD	· ·
	Length	ProjectGEORGIA_RIVER	PAGE 2 Hole No. GM-21
flev.	Azimuth	Location	Date
Core Size	Dip	Purpose	Logged by

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MET rom	ER To	•	DESCRIPTION	SAMPLE	INTE	RVAL	SAMPLE	T	AS	SAY		
				NUMBER			TWATER	Au	Ag	Pb	Zn	
<u>7.89</u>	<u>87.13</u>	Southwest Vein ?	77.89-78.35 - Silicified volcanic and quartz stringers. Minor pyrrhotite	GM-21-14	77.89	78.35	0.46	Б) [				l
			pyrite and arsenopyrite.									
			78.35-78.66 - Silicified volcanic, minor pyrite, pyrhotite $\sim$ 48	CM-21-15	78.35	78.66	0.31		1			
			78.66-78.96 - Predominantly quartz with pyrrhotite, pyrite and	GM-21-16	78.66	78.96	0.30					1
			trace galena, sulphides $\sim 4$ %						·{			
			78.96-79.29 - Volcanic with numerous 1 cm quartz stringers, pyrite,	GM-21-17	78.96	79.29	0.33		1	+		
			pyrrhotite~/3%.							+		
			79.29-79.88 - Sheared volcanic and fault gouge ~ 50% recovery, minor	GM-21-18	79.29	79.88	0.59					
			pyrite and pyrrhotite.		·							
			79.88-80.18 - Bleached volcanic, minor small 2mm quartz veinlets, sparse							╎╾─┤		
			sulphides.	G14-21-19	79.88	80.18	0.30			┦		
			80.18-81.10 - Mixture of bleached volcanic and unaltered volcanic	GM-21-20			1	<u> </u>				
			pyrite, pyrrhotite $\sim 1$ %.									
			81.10-82.01 - Same.	GM-21-21	81.10	82.01	0.91		· · · · ·	[]		
			82.01-82.32 - Quartz vein, minor pyrite pyrrhotite, traces galena	GM-21-22	82.01		0 31					
			82.32-82.62 - Quartz vein, pyrite, pyrrhotite, traces galena, sphalerite							<u>  </u>		
			$82.62-82.93$ - Quartz vein, $\sim$ 15 cm and silicified volcanic, pyrite,	GM-21-24								
			pyrrhotite ~ 3%.		02.02	12,33	0.51		<u>  · · ·                                </u>	<b>├</b> -	-+	
			82.93-83.23 - Silicified volcanic, pyrite, pyrhotite $\sim$ 48.	GM-21-25	82 93	87.22	0.20	[ <b></b>		[		
			83.23-83.54 - Grey silicified volcanic, sulphides $\sim$ 4%	GM-21-26				}	<del> </del>	<b> </b>	ł-	
			83.54-83.84 - Silicified volcanic with guartz stringer ~10cm,	GM-21-27					<u> </u>		ł·	
	. <u></u>		pyrite, pyrhotite $\sim 5$ %		00.04	92.04	0.30					
			83.84-84.15 - Silicified volcanic	GM-21-28	83.84	84.15	0.31					

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Coord.	DRILL	RECORD		PAGE 3
	Length	Project GEORGIA RIVER	llole No.	GM-21
Elev.	Azimuth	Location	Date	
Core Size	Dip	Purpose	Logged by	······································

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NET TOM	TO TO	•	DESCRIPTION	SAMPLE					λs	SAY	h
	<u></u>			NUMBER				Au	Ag_	Pb	Zn
			84.15-84.45 - Quartz vein with minor pyrite, pyrrhotite, galena	GM-21-29	84,15	84.45	(meters)		i		
			and sphalerite								
			84.45-84.76 - Quartz vein, minor pyrite, pyrrhotite galena and	GM-21-30	84.45	84.76	0.31		1		
		· · · · · · · · · · · · · · · · · · ·	shalerite.						1		·····
			84.76-85.06 - Quartz vein with inclusions of volcanic, minor pyrrhotite,	GM-21-31	84.76	85.06	0.31				
			pyrite galena and sphalerite								
			85.06-85.37 - Quartz vein - corase arsenopyrite sphalerite and pyrite -	CM-21-32	85.06	85.37	0.31				
			sulphides ~3%	<u></u> _					1		
			85.37-85.67 - Quartz vein $\sim 20$ cm and volcanic, sulphides $\sim 3$ %, coarse	CM-21-33	85.37	85.67	0.30		<u> </u>		
			sphalerite and arsenopyrite.						<u> </u>		
			85.67-86.37 - Unaltered volcanic with minor quartz, veinlets, one with	GM-21-34	85.67	86.37	0.70				
			coarse arsenopyrite vein $\sim$ 7 cm.								
			86.37-86.68 - Quartz vein, minor pyrite, pyrrhotite.	GM-21-35	86.37	86.68	0.31				
			86.68-87.13 - Quartz vein	GM-21-36	86.68	B7.13	0.45		-		
				· · · · · · · · · · · · · · · · · · ·							
.13	98.63	Altered Andesite	Grey green altered, mottled volcanic, abundant quartz veinlets, some								
			quartz stringers up to 7 cm, minor epidote								
				<u> </u>							
.63	101.06	Southwest Vein ?	Green altered zone with minor quartz breccia and veinlets.								
		· · · · · · · · · · · · · · · · · · ·	98.63-98.93 - Green altered volcanic minor quartz stringers~2 cm with	GM-21-37	00 (7	20.02					
_			sparse sulphides ~3%	G+21-37	0.03	90.93	0.30				
			98.93-99.23 - Altered volcanic, pyrite, pyrhotite ~ 5%	(W_21_2)	00 02	00.00	0.70				
			99.23-99.54 - Same.	GM-21-38							
				GH-21-39	27.23	99.54	0.31				

		E & B EXPLORATIONS LTD.		
Coord.	Length Azimuth Dip	DRILL RECORD Project <u>GEORGIA RIVER</u> Location Purpose	PAGE 4 Nole No. GM-21 Date Logged by	•

rom	To		DESCRIPTION	SAMPLE	INTE	RVAL	SAMPLE		AS	SAY		
		······································		NUMBER	From	01 I	LENGTH	Au	Aq	· · · ·	Zn	
			99.54-99.85 - Volcanic with quartz stringers, traces galena, pyrite,	GM-21-40	99.54	99.85	(meters) 0.31					
l·	···		pyrrhotite $\sim 3$ %.								<u> </u>	
Ì·	· ·		99.85-100.55 - Volcanic with minor sulphide.	GM-21-41	99.85	100.5	5 0.70	1			· · · · · · · · · · · · · · · · · · ·	
			100.55-100.85 - Bleached volcanic and barren quartz stringers	GH-21-42	1				1			j
			100.85-101.16 - Volcanic and barren guartz	GM-21-43								 
— <b>—</b>  -			101.16-101.37 - Unaltered grey volcanic							<u> </u>	<u> </u>	
			101.37-101.68 - Quartz vein, sparse pyrite, pyrrhotite and traces galena	GM-21-44	101.3	7101 6	8 0 31					
01.68	105.49	Altered Andesite	Grey volcanic, minor epidote eyes, silicified, pyrite, pyrrhotite $\sim 2\%$		·		<del></del>					<b>-</b>
-			104.63-104.72 - Quartz vein, minor galena, pyrite pyrrhotite.	GM-21-45	04.63	104	2 0,09				·	
						1011					~ .	
05.49	<u>106.7</u>	Southwest Vein ?	105.49-105.79 - Bleached green volcanic, minor sulphide	GM-21-46	105.49	105.1	9 0.30	·				
			105.79-106.25 - Bleached volcanic, minor sulphide				25 0.46			· <b></b>		
	-		106.25-106.70 - Quartz vein, $\sim 25$ %, pyrrhotite, pyrite, galena and						<u> </u>			
			sphalerite - at 10 cm from end is altered volcanic then 15 cm of	GM-21-48	106.25	106.	7 0.45					
-			quartz breccia	· · · · · · · · · · · · · · · · · · ·							······	<u>'</u>
			106.7 meters END OF HOLE.									
										<b></b>		
		·			<u> </u>							
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#### APPENDIX II

Assay Results GGP-2, 5 and GM-7 to 21, Trenches 1 to 137 and Grab Samples 1 to 12

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A AGALYTICAL CHEMISTS

GEOCHEMISTS

. REGISTERED ASSAYERS

#### CERTIFICATE OF ASSAY

10 E & B Explorations Ltd., 2900 Cascade Eldg., 300 5th Ave., S & Calgary Alta CERTIFICATE NO. 69054 INVOICE NO. 37353 RECEIVED July 13, 1980 ANALYSED July 29, 1980

ATTH S. W. Calgary, Alta. J. Wyder and E. Krushkowski Project 1095

Pb	Zn	oz/ton Ag	oz/ton Au
31 0.01	1.11	15.80	0.014
24 0.04	2.61	2.24	0.005
05 <0.01	0.05	0.01	<0.003
29 2.37	1.86	5.74	0.036
	31         0.01           24         0.04           05         <0.01	31         0.01         1.11           24         0.04         2.61           05         <0.01	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$



212 BROOKSBANK AVE. NORTH VANCOUVER, B.C. CANADA V7J\_2C1 985-0548 984-0221 TELEPHONE: AREA CODE: 604 TELEX: 043-52597

38630

Aug.12/80

Sept.8/80

CERTIFICATE NO. 69683

INVOICE NO.

RECEIVED

ANALYSED

ANALYTICAL CHEMISTS

• GEOCHEMISTS

. REGISTERED ASSAYERS

#### CERTIFICATE OF ASSAY

E & B Explorations Ltd. TO: 2900 Cascade Building 300 5th Avenue S.W. Calgary, Alberta T2P 3C4 ATTN: E.R. Kruchkowski

Project #1095

		-	10,000 #10,5	
SAMPLE NO. :	%	%	oz/T	oz/T
	Pb	Zn	Ag	Au
T-1-S-2	0.30	0.22	3.66	7.148
T-2-S-2	0.40	0.30	1.21	0.664 🗸
T-3-S-2	0.07	0.06	0.39	0.582
T-4-S-2	0.29	0.03	1.24	1.604
<u>T-4-S-4</u>	0.04	0.01	1.69	3.164
T-5-S-2	0.16	0.22	-1.12	1.396 🗸
T-6-S-1	1.24	1.15	3.50	2.966
T-7-S-2	0.34	0.23	1.06	0.640
T-8-S-2	0.41	0.11	2.33	1.824
T-9-S-2	0.75	0.96	0.95	3.848
T-10-S-2	0.41	0.38	1.30	1.436
T-11-S-2	0.03	0.01	0.14	0.026
T-2-S-4	0.16	0.03	0.31	0.144
<b>T-1-</b> S-1			0.25	0.034 🖌
T-1-S-3			0.09	0.022 🖌
T-2-S-1			0.05	0.010 -
T-2-S-3			0.16	0.016 /
T-3-S-1			0.05	0.008
T-3-S-3			0.16	0.018
T-4-S-1			0.09	0.054
T-4-S-3			0.16	0.018
T-5-S-1			0.09	0.106 🗸
T-5-S-3		•	< 0.01	0.020
T-6-S-2			0.26	0.022
T-7-S-1			< 0.01	0.012
T-7-S-3			0.23	0.410
T-8-S-1			0.07	0.018 -
T-8-S-3			0.07	0.008 -
T-9-S-1			0.02	0.008 -
T-9-S-3		<b></b>	0.13	0.110 0
T-10-S-1		·	0.01	0.016
T-10-S-3			< 0.01	0.005
<b>T-11</b> -S-1		•	< 0.01	0.008
T-11-S-3			< 0.01	0.008

MEMBER CANADIAN TESTING ASSOCIATION

REGISTERED ASSAVER. PROVINCE OF BRITISH COLUMBIA



212 BROOKSBANK AVE. NORTH VANCOUVER, B.C. CANADA V7J 2C1 985-06483 934-0221 TELEPHONE: AREA CODE 604 TELEX: 043-52597

. ANALYTICAL CHEMISTS

• GEOCHEMISTS

. REGISTERED ASSAYERS

#### CERTIFICATE OF ASSAY

E & B Explorations Ltd. TO: 2900 Cascade Building 300 5th Avenue, S.W. Calgary, Alberta T2P 3C4 ATTN: E.R. Kruchkowski

CERTIFICATE NO.	69878
INVOICE NO.	38630
RECEIVED	Aug.22/80
ANALYSED	Sept.5/80

	%		/m		
SAMPLE NO. :		%	oz/T	oz/T	
<u> </u>	Pb	Zn	Ag	Au	•••••
T-13-S-1	1.03	4.85	0.50	0.034	
T-13-S-2	3.26	4.43	1.04	0.030	
T-14-S-1	3.86	2.26	8.73	6.510	
T-15-S-1	1.75	0.74	4.52	4.740	
T-15-S-2	0.07	0.03	0.23	0.074	
T-16-S-1	0.82	5.85	0.78	0.338	
T-17-S-1	0.62	0.55	2.32	1.860	
T-17-S-3	0.16	0.09	0.37	0.214	
T-17-S-5	1.17	0.51	2.44	0.082	
T–17–S <b>–6</b>	0.44	0.19	1.18	0.450	
T-17-5-2			0.38	0.088	
<b>T</b> -17-S-4			0.10	0.694	
T-17-S-7			0.13	0.294	
			0.10	0.274	
• • • • • • • • • • • • • • • • • • •	······································			<u> </u>	
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RECISTERED ASSAYER. PROVINCE OF BRITISH COLUMBIA



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## CHEMEX LABS LTD.

212 BROOKSBANK AVE. NORTH VANCOUVER, B.C. CANADA V7J 2C1 TELEPHONE: 984-0221 AREA CODE: 604 TELEX: 04-352597

+ ANALYTICAL CHEMISTS

• GEOCHEMISTS

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· REGISTERED ASSAYERS

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#### CERTIFICATE OF ASSAY

TO: E & B Explorations Ltd., 2900 Cascade Bldg., 300 - 5th Ave., S.W. Calgary, Alta. T2P 3C4 ATTN: GEORGIA RIVER #1095 CERTIFICATE NO. 69961 INVOICE NO. 39138 RECEIVED August 28, 1980 ANALYSED Sept. 27, 1980

SAMPLE NO. :	ጄ ₽Ъ	% Zn	oz/ton	oz/ton
r-12-s-1	<del>9.</del> 03		<u>Ag</u>	<u>Au</u>
r-12-5-1 r-12-5-2		0.03	0.18	0.005
	0.01	0.01	0.42	0.005
F-18-5-1	0.03	0.02	0.18	0.003
<b>F-19-5-1</b>	0.02	0.02	0,22	0.005
<u>r-20-s-1</u>	<0.01	<0.01	0.44	0.003
r-20-s-2	<0.01	<0.01	0.10	0.003
<b>E-21-S-1</b>	3.62	0.82	3,32	0.032
<b>G-22</b> S-1	0.28	0.12	0.74	0.082
[-23-s-1	0.02	0.01	0.12	0.003
<u>[-24-5-1</u>	0.01	<0.01	0.34	0.005
		<u></u>		
			<u> </u>	$ \rightarrow $
				11/10
CTA,	MEMBER			IT I Limite
	ADIAN TESTING			1 de nouvos



212 BROOKSBANK AVE. NORTH VANCOUVER, B.C. CANADA V7J 2C1 TELEPHONE: 984-0221 AREA CODE: 604 TELEX: 04-352597

· ANALYTICAL CHEMISTS

· REGISTERED ASSAYERS

#### CERTIFICATE OF ASSAY

CERTIFICATE NO.	70133
INVOICE NO.	39552
RECEIVED	Sept. 15/80
Childe	Oct. 10/30

ATTN:	

TO:

2900 Cascade Building 300 5th Avenue, S.W.

E & B Explorations Ltd.

T2P 3C4 Calgary, Alta. E.R. Kruchkowski

Project: Georgia River #1095-M.A. Childs

SAMPLE NO. :	7.	%	oz/ton	oz/ton	· · · · · · · · · · · · · · · · · · ·
SAMPLE NO. :	РЬ	Zn	Ag	Au	
T-25-S-1	5,28	0.09	5,30	0.152	
T-26-S-1	0.07	0.03	1.20	0.040	
T-26-S-2	0.10	0.01	0.42	0.016	
T-27-S-1	0.28	0.07	0.59	0.092	
<u>T-27-S-2</u>	0.23	0.21	0.51	0.214	
T-28-S-1	0.05	0.02	0,49	0.576	
T-28-5-2	0.32	0.11	0.38	0.042	
T-29-5-1	0.13	0.11	0_34	0.024	
T-29-S-2	0.26	0.17	0.65	0.210	
T-30-S-1	<0.01	<0.01	0.66	0.162	
T-31-S-1	6.20	2.50	10.72	6.144	
T-32-S-1	1.14	0.52	1.31	0.272	
T-33-S-1	0.16	0.02	0.74	0.056	
T-34-S-1	0.45	0.21	1.05	0.250	
<u>T-35-6-1</u>	0.01	<0.01	0.30	0.014	
T-35-S-2	0.01	<0.01	0.35	0.010	
T-36-S-1	1.86	1.74	3.78	0.858	
T-37-S-1	0.28	0.18	0.58	0.122	
T-38-S-1	2.78	7,05	9.65	0.654	
T-39-S-1	0.06	0.09	0.34	0.005	
T-40-S-1	4.56	7.44	8.39	0.270	•
T-41-S-1	0.20	0.35	0.66	0.040	
T-41-S-2	0.04	0.04	0.44	0.018	
T-42-S-1	0.02	0.02	0.24	0.010	

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# CHEMEX LABS LTD.

212 BROOKSBANK AVE. NORTH VANCOUVER, B.C. CANADA V7J 2C1 TELEPHONE: (604)984-0221

TELEPHONE: (604)984-0221 TELEX: 043-52597

ANALYTICAL CHEMISTS

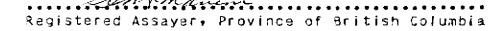
GEOCHEMISTS

REGISTERED ASSAYERS

CERTIFICATE OF ASSAY

TO : E & B Explorations Ltd., 2900 - 300, 5th Ave., Calgary, Alta. T2P 304 CERT. # : A8010794-001-A INVDICE # : 40433 DATE : 13-NOV-B0 P.O. # : NONE GEORGIA RIVER

ATTN. E. KRU		I					-
Sample	Prep	Cu	Pb	Zn	Ag	Au	
description	code	percent	percent	percent	oz/t	oz/t	
G-1	207		0.11	2.18	0+41	0.070	
G-2	207		0.46	1.28	0.83	0.052	
G-3	207		0.02	0.01	0.10	<0.003	
6-4	207				0.14	0.018	
G-5	207				0.11	0.172	
G-6	207	0.17	0.03	0.16	0.34	0.040	
T23-S-2	207	9.01	0.02	0.10	0.13	0.003	
T41-S-3	207	<del>~ ~</del>			0.28	0.055	
T43-S-1	207		0.05		0.22	0.016	~ <b>=</b>
T44-S-1	207				0.23	0.010	
T44-S-2	207		0.19		1.15	1.536	
T44-S-3	207	÷			0.46	0.160	
T45-S-1	207				9.44	0.003	<b>-</b> -
T46-S-1	207		0-11		0.24	0.042	
T47-S-1	207		0.14	12.20	1.05	0.010	
T48-S-1	207		0.45	20.50	2.58	0.036	
T49-S-1	207		0.02	0.52	0.26	0.003	
T49-S-2	207	0.14	0.03	2.50	0.55	0.038	
T50-S-1	207	0.03	0.01	2.13	0.41	0.012	
T51-S-1	207		0.20	3.26	0.92	0.122	
T52-S-1	207				0.21	0.014	
T52-5-2	207				0.14	0.003	<b>~</b> =
T53-S-1	207		0.03	1.04	0.38	0.040	
T54-S-1	207		0.04	1.18	0.39	0.024	
T54-S-2	207	0.07	0.33	5.22	1.37	0.044	
T55-S-1	207			0.59	0.33	0.003	
156-3-1	207		1.54		1.55	0.372	
T57-S-1	207	0.02	0.06	0.17	0.38	<0.003	
T57-S-2	207	0.03	4.00	5.14	16.50	0.230	
758-5-1	207	J • J •			0.34	<0.003	
T59-3-1	207				0.13	<0.003	
T60-S-1	207	-		- · 	0.13	0.034	
T60-S-2	207		3.46	0.45	12.85	0.224	
T60-5-2	207		210	U++J	0.97	0.044	
	-		-	<u> </u>			
T61-S-1 T62-S-1	207				0,18	<0.003	
T62-5-1 T62-5-2	207		0 1/	1 0/	0.30	<0.003	
	207		0.14	1.04	0.56	0.342	
T63-5-1	207		0.31	0.07	0.97	0.452	
T64-S-1	207				0.14	0,036	
T64-5-2	207			1 j	0.25	0+172	





212 BROOKSBANK AVE. NORTH VANCOUVER, B.C. CANADA V7J 2C1 TELEPHONE. (604)984-0221

TELEPHONE. (604)984-0221 TELEX: 043-52597

. ANALYTICAL CHEMISTS

. GEOCHEMISTS

REGISTERED ASSAYERS

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CERT. #		:	A8010794-002-A
INVOICE	ħ,	:	40433
DATE		:	13-NOV-80
₽.0. #		:	NONE
GEDRGIA	RI	٧E	R

#### ATTN. E. KRUCHKOWSKI

TO : E & B Explorations Ltd., 2900 - 300, 5th Ave.,

Calgary, Alta.

T2P 3C4

		-					
Sample	Prep	Cu	Po	Zn	Ag	Au	
description	code	percent	percent	percent	oz/t	oz/t	
162-2-1	207	÷			0.32	<0.003	
T65-S-2	207		<b>→ -</b>		0.58	0.003	
T65-S-3	207	<b>~ -</b>			0.17	0.044	
T66-S-1	207				0.71	0.490	
T67-S-1	207	<b>_</b>			0.36	0.102	
T68-5-1	207				0.12	<0.003	
T69-S-1	207		0.89	2.22	1.54	0.020	
T70-S-1	207	<del></del>	1.73	2.55	2.02	0.040	
T71-S-1	207		1.39	6.33	2.54	0.118	
T72-S-1	207			÷ •	0.18	0.005	
173-5-1	207		- <del>-</del>		0.12	<0.003	
T74-S-1	207				0.32	<0.003	
T74-S-2	207				0+14	<0.003	
T75-S-1	207				0.14	<0.003	
T75-S-2	207				0.26	0.005	
T76-S-1	207				0.01	<0.003	
T77-S-1	207	÷			0.10	<0.003	
T78-S-1	207	÷ =			9.10	<0.003	
T78-S+2	207				0.14	0.003	
T79-5-1	207		0.04	<0.01	0.13	<0.003	
190-2-1	207		0.09	0.31	0.37	0.046	
T80-S-2	207		0.06	0.01	0.36	0.003	
T81-S-1	207				0.22	<0.003	
T82-S-1	207		0.05	0.03	0.22	<0.003	
T82-S-2	207		0.01	<0.01	0.18	0.003	
T83-S-1	207		0.02	<0.01	0.10	<0.003	
T84-S-1	207		<0.01	<0.01	0.10	0.003	
T85-S-1	207	÷ <del>-</del>	0.01	<0.01	0.14	<0.003	
T86-S-1	207				0.14	<0.003	
T86-S-2	207				0.11	0.005	
T87-S-1	207		0.07	0.14	0.33	0.010	
T87-S-2	207		<0.01	<0.01	0.14	<0.003	
T88-S-1	207		0.02	0.03	0.14	<0.003	
T89-S-1	207		<b>-</b> -		0.16	0.020	
T90-S-1	207	÷			0.19	0.005	
T91-S-1	207				0.25	0.013	
T91-S-2	207				0.23	0.003	
T92-S-1	207		0.03	0.03	0.19	0.010	
T93-S-1	207				0.22	0.005	
T94-S-1	207				0.20	0.072	





CERTIFICATE OF ASSAY

212 BROOKSBANK AVE. NORTH VANCOUVER, B.C. CANADA V7J 2C1

TELEPHONE: (604)984-0221 TELEX: 043-52597

ANALYTICAL CHEMISTS

GEOCHEMISTS

REGISTERED ASSAYERS

# : AB010793-001-A

TO : E & B Explorations Ltd., 2900 - 300, 5th Ave., Calgary, Alta. T2P 3C4 CERT. # : A8010793-001-A INVOICE # : 40225 DATE : 07-NOV-B0 P.O. # : NONE GEORGIA RIVER

#### ATTN. E. KRUCHKOWSKI

		-					
Sample	Prep	Pb	Zn	Ag	Au		
<u>description</u>	code	percent	percent	oz/t	oz/t		
GGP-5-1	207			0+04	<0.003		
GGP-5-2	207			0.06	<0.003 -		
GM-7-1	207			0.01	<0.003	a a	'
GM-7-2	207			0.06	<0.003~		
GM-7-3	207	0.05		0.30	0.020		
GM-7-4	207	0.30		0+56	1.276 -		
GM-7-5	207	0.02		0.08	0.012		<b></b>
GM-7-6	207	0.46		0.32	0.882		
GM-7-7	207			0.12	0.005 -		
GM-7-8	207			0+12	0.003		
GM-7-9	207	0.01		0.17	0.114		** ++
GM-7-10	207	0.01		0.06	<0.003		*-
GM-7-11	207	0.01		0.02	0.003		
GM-7-12	207	0.03		0+10	0.018		
GM-7-13	207	<0.01	<b></b>	0.10	0.003		
GM-7-14	207	0.02		0.10	0.040		
GM-8-1	207			0.02	<0.003		
GM-8-2	207		÷-	0.02	<0.003	<b>~ -</b>	
GM-8-3	207			0.01	<0.003		
GM-8-4	207	<b></b>		0+01	<0.003		÷
GM-8-5	207			0.01	<0.003		
GM-8-6	207	2.22	1.32	1.31	0.410	~ ~	
GM-8-7	207	0.61	0.69	1.35	1.030		
GM-8-8	207	1.98	1.51	5.42	3.318		
GM-8-9	207	3.23	1.76	7.06	4.924		
GM-8-10	207	0.09	0.11	0.31	0.470		*-
GM-8-11	207			0.01	0.024		
GM-8-12	207			0.01	<0.003		
GM-9-1	207			0.06	0.005		
GM-9-2	207			0.06	0.003		
GM-9-3	207			0.01	0.010		
GM-9-4	207			0.03	0+054		
GM-9-5	207		~ ~	0.04	0.120	<b>~</b> -	
GM-9-6	207		<b></b>	0.04	<0.003		÷-
GM-9-7	207			0.04	<0.003		
GM-9-3	207			0.06	0.003		
GM-9-9	207			0.01	<0.003		
GM-9-10	2 O 7			0.04	<0+003		
GM-9-11	207			0.01	<0.003		
GM-10-1	207		<b></b>	10.061	<0.003		



Registered Assayer, Province of British Columbia

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CERTIFICATE OF ASSAY

212 BROOKSBANK AVE. NORTH VANCOUVER, B.C. CANADA V7J 2C1 TELEPHONE: (604)984-0221 TELEX: 043-52597

- ANALYTICAL CHEMISTS

TO : E & B Explorations Ltd.,

Calgary, Alta.

T2P 3C4

2900 - 300, 5th Ave..

- GEOCHEMISTS

REGISTERED ASSAYERS

CERT. # : A8010793-002-A INVBICE # : 40225 DATE : 07-NOV-80 P.O. # : NONE

GEORGIA RIVER

Sample	Ргер	Pb	Zn	Ag	Au	
description	code	percent	percent	oz/t	oz/t	
GM-10-2	207			0.03	<0.003	 
GM-10-3	207			0.05	<0.003	 
GM-10-4	207	0.06	0.43	0.10	0.032	 
GM-10-5	207	0.06	0+94	0.30	0.370	 
GM-10-6	207			0.01	0.003	 
GM-10-7	207			0.03	<0.003	 
GM-10-8	207	0.11	0.03	9.67	1.170	 
GM-10-9	207	0.02	0.01	0.02	0.148	 ÷
GM-10-10	207			0.12	<0.003	 
GM-11-1	207			0.01	<0.003	 
GM-11-2	207			0.02	<0.003	 
GM-11-3	207			1.00	0.322	 
GM-11-4	207	0.21	1.26	0.67	0.174	 
GM-11-5	207			0.06	<0.003	 
GM-11-6	207			0.01	0.005	 
GM-11-7	207	0.02	0.02	0.10	0.088	 
GM-11-8	207			0.03	0.005	 
GM-12-1	207			0.02	0.003	 
GM-12-2	207			0.08	<0.003	 
GM-12-3	207	<b></b>		0.08	0.022	 
GM-12-4	207	0.01	0.01	0.06	0.014	 ÷
GM-12-5	207	<0.01	0.01	0+12	0.020	 
GM-12-6	207	0.01	0.01	0.10	<0.003	 
GM-12-7	207	0.01	0.01	0+12	<0.003	 
GM-12-8	207	0.05	0.01	0.01	<0.003	 

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0 a a í Registered Assayer, Province of British Columbia



212 BROOKSBANK AVE. NORTH VANCOUVER. B.C. CANADA V7J 2C1 TELEPHONE: (604)984-0221

. ANALYTICAL CHEMISTS

GEOCHEMISTS

• REGISTERED ASSAYERS

 TELEPHONE:
 (604)984-0221

 TELEX:
 043-52597

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TO : E & B Explorations Ltd.,	CEPT. 4 : A8010935-001-
2900 - 300, 5th Ave.,	INVEICE 3 : 40945
Calgary, Alta.	08-030-00 : ETAO
T2P 3C4	P.C. ≉ : NONE
	GEORGIA RIVER

ATTN.E. KRUG	CHKCWSKI						
Sample	Prep	Cu	Po	2n	49	Au	
description	code	percent	percent	percent	oz/t	oz/t	
GM-12-9	207		<0.01	<0.01	0.04	<0.003	÷ =
GM-12-10	207				0.20	<0.003	
GM-12-11	207	- <b>-</b>	<0.01	<0.01	0.12	<0.003	
GM-12-12	207				0.23	<0.003	
GM-12-13	207				0.03	<0.003	
GM-12-14	207		0.31	0.01	0.10	<0.003	
GM-12-15	207		0.11	0.04	0+22	0.056	
GM-12-16	207		0.25	8 G <b>,</b> O	0.33	0.136	
GM-12-17	207		0.34	0.15	0.31	1.094	
GM-12-18	207		0.63	0.48	1.70	2.200	
GM-12-19	207		—		0.54	0.732	
GGP-2-10	207				0.20	0.005	
GGP-2-11	207				0.13	0.003	
GGP-2-12	207				0.10	<0.003	
GM-13-1	207				0.12	<0.003	
GM-13-2	207		0.13	0.23	0.54	0.433	
GM-13-3	207				0.18	0.024	
GM-13-4	207				0+12	<0.003	
GM-13-5	207		-+		0.04	<0.003	
GM-14-1	207				0+12	<0.003	
GM-14-2	207		2.93	0.94	6.23	3.310	
GM-14-3	207			<del>-</del> -	0.19	0.046	
GM-14-4	207				0.06	<0.003	
GM+14+5	207				0.13	0.012	_ <del>_</del>
GM-14-6	207				0.0+	<0.003	
GR-14-7	207	÷			0.04	<0.003	
GM-15-1	207				0.12	<0.063	
GM-15-2	207				0.15	0.005	
GM-15-3	207				0.15	<0.003	
64-15-4	207		0.05	0.02	0.37	0.244	
GA-15-5	207		0.05	0.30	0.75	0.942	
GM-15-6	207		0.05	0.05	0.15	0.396	
GM−15−7	207		0.03	ີ.ວິ4	0.22	0.084	
GM-15+3	207		C.02	0.03	0.22	0.036	
GM-15-9	207		0.65	0.35	1 - 4 4	0.960	
GM-15-10	207	، ۵۰۰ ۵۰۰ ۵۰ ۵۰ ۵۰ میرین ورو بوانی روان مانیسی ورو همه بود همه ا	1.72	1.59	4.63	4.232	•••••
GM-15-11	207		0.34	0.28	1.95	1.742	
. GM-15-12	207	·			0.17	0.064	
GM-15-13	207				0.16	0.003	
- <u>GM-15-1</u>	207			<u> </u>	2 0.13	0.032	





212 BROOKSBANK AVE NORTH VANCOUVER, B.C. CANADA V7J 2C1 TELEPHONE: (604)984-0221 TELEX: 043-52597

ANALYTICAL CHEMISTS

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GEOCHEMISTS REGISTERED ASSAYERS

GERTIFICATE de ASSAY			
	CERT. #	:	43010936-002-
	INVCICE #	:	40945
	CATE	2	06 <b>-</b> 050-00
	2.0. 7	:	NOME

GEORGIA RIVER

TO : E & B Explorations Ltd.,

Calgary, Alta.

T2P 304

2700 - 300, 5th Ave.,

Sample	steb	Çu	FO	Zn	Âġ		
description	code	percent	percent	parcent	oz/t	oz/t	
58-16-2	207		·		0.03	<0.003	
GH-16-3	207				9.06	<0.003	
G洲十16-4	207				0.17	0.003	
GN-16-3	207				0.18	<0.003	
<u>GM-16-6</u>	207				0.04	<0.003	
GM-15-7	207				50.0	<0.003	
GM-16-8	207				0.14	<0.003	
GM-16-9	207				0.42	<0.003	
GM-16-10	207				0.20	<0.003	
GM-16-11	207				0.16	<0.003	
GM-17-1	207		······		0.14	0.020	
GM-17-2	207				0.37	0.210	
GM-17-3	207	~-			0.27	0,054	
GM-17-4	207		0.14	0.35	0.52	C.164	
GM-17-5	207				0.12	<0.003	
GM-17-6	207				0.39	0.145	
GM-17-7	207				0.23	C.005	~-
G村-17-3	207				0.10	<0.003	
GM-17-9	207				0.06	<0.003	
GM-17-10	207				0.10	<0.003	
GM-17-11	207				3.04	<0.003	
G4-18-1	207			<del>-</del> -	0.16	0.054	
GM-16-2	207				0.13	0.075	
64+13-3	207	<b>_</b> →			0.10	0.003	
7-97-31	207				0.04	0.020	÷ =
7-98-51	207				20.02	<0.003	
T-99-51	207		0.02	<0.01	1.02	3.014	
T-130-51	207		0.05	0.03	8,31	1.394	~-
T-100-52	207		0.19	50 <b>.</b> C	0.52	0.100	
T-101-S1	207		0.01	<0.01	0.23	<0.003	
1-102-51	207		0113	0.24	0151	1.123	
<u> </u>	207		0.22	0.404	11.84	9.101	
G 3	207		0.02	0.01	0.26	2.032	
3 9	207		0.03	1.25	0,92	0.944	
G 10	207		27.20	5.53	17.60	8.024	
	207		0.29-	0+05	0.35	5.072	
7-103-51	207	0.03	3.35	3.53	2.01	0.034	
T-134-51	207	3.56	0.97	0.39	2.30	0.005	
T-105-51	207	3.06	3.4+	3.+2	2.07	0.035	÷.
T-106-51	207				0.12	<0.003	



T95-S-1

T95-S-1

# CHEMEX LABS LTD.

212 BROOKSBANK AVE. NORTH VANCOUVER, B.C. CANADA V7J 2C1

· ANALYTICAL CHEMISTS

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\* REGISTERED ASSAVERS - GEOCHEMISTS

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0.23

0.16

0.032

0.022

TELEPHONE: (604)984-0221 TELEX: 043-52597

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CERTI	FICATE	DF ASSAY

		· · · · · · · · · · · · · · · · · · ·	· _ · ·			
TO : E & B Explore	ations	Ltd.,			CERT.	# : A8010794-003-
2900 - 300, 3	5th Ave	• •			INVOIC	E # : 40433
Calgary, Alt:	a 🔹				DATE	: 13-NOV-80
T2P 3C4					P.O. #	: NONE
					GEORGI	A RIVER
ATTN. E. KRU	снкрыяк	I				
Sample	Prep	Cu	PD	Zn	Ag	Au
description	code	percent	percent	percent	oz/t	oz/t

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۰. . VIM Anina Registered Assayer, Province of British Columbia



212 BROOKSBANK AVE. NORTH VANCOUVER, B.C. CANADA V7J 2C1

S REGISTERED ASSAYERS

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TELEPHONE: (604)984-0221 TELEX: 043-52597

#### CERTIFICATE DE ASSAY

TC :	E & B Explorations Ltd.,
	2900 - 300, 5th Ave.,
	Calgary, Alta.
	T2P 3C4

CERT. #	:	A8010936-003-
INVOICE	4 :	40945
DATE	:	09-050-00
P.C. «	:	NONE
GEORGIA	$\mathcal{S}$ I $\Lambda$	स्र

Sample	рчер	Cu	20	źn	A.g	- AU	
description	code	percent	percent	percent	oz/t	oz/t	
T-107-51	207		5.03	1.08	3.37	0.023	
T-106-51	207		2.42	5.33	2.50	0.132	
T-108-S2	207		0.11	0.25	0.19	0.010	
T-109-51	207				0.05	0.030	
T-11C-S1	207				0.16	0.003	
7-111-51	207		5.53	0.35	4,57	0.502	
T-111-52	207				0.2+	0.016	
T-111-S3	207		5.57	3.91	2.52	0.152	
T-112-S1	207	<del></del>	÷ -	<del>-</del> -	0.08	0.002	
T-112-52	207				0.05	0.008	
T-112-53	207				9.14	0.005	
T-113-S1	207		11.00	2.13	5.54	0.035	
T-114-S1	207		0.84	0.37	1.03	0.024	
T-115-S1	207		3.92	3.65	2.37	0.070	
T-116-S1	207		4 • 23	3.31	4.41	0.028	
T-117-S1	207		0.34	0.15	1.03	0.138	
T-117-S2	207	<i>~</i> -			0.30	C.013	
T-118-S1	207				0.15	0.010	÷-
T-119-S1	207	~ <b>-</b>			0.22	0.003	
T-120-51	207		0.17	3.26	0.98	<0.003	
7-121-51	207		1.22	0.13	3.01	3.304	
T-122-S1	207		0.87	0.49	1.79	2.684	÷-
T-123-S1	207		0.26	0.04	0.53	C. 972	
T-124-\$1	207		0.07	0.07	0.12	0.044	
T-125-S1	207	<del>-</del> -	3.63	0.05	6.65	3.208	
T-126-51	207		1.25	1.39	Z.33	1.632	
T-127-51	207			<b>-</b> -	0.39	1.292	
T-128-S1	207		0.07	1.75	0.33	0.246	
T-129-51	207		0.Z4	0.30	1.23	010.0	
7-130-31	207	·	0.01	0.17	0.10	0.005	
7-151-51	207		1.22	27.00	2 • 1 4	0.112	
T 131-52	207		2.00	5.52	5.72	0.200	
7-132-31	207		C+23	5.33	0.37	0.046	
T-133-S1	207		0.07	0.74	0.67	0.048	
T-134-S1	207		0.13	0.13	10_52	0.003	
7-135-51	2 3 7		0.10	9.73	0.97	0.050	
T-136-S1	207		0.01	0.12	0.19	0.030	
T-137-51	207				0.12	0 <b>.</b> 040	
G 12	207				0.13	0.028	
GM-19-1	207		0.01	2.04	0,0,12	0.003	



MEMBER CANADIAN TESTING ASSOCIATION Registered Assayer, Province of British Columbia

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212 BROOKSBANK AVE. NORTH VANCOUVER, B.C. CANADA V7J 2C1



S • GEOCHEMISTS

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REGISTERED ASSAYERS

TELEPHONE: (604)984-0221 TELEX: 043-52597

CERTIFICATE OF ASSAY

TO : E & B Explorations Ltd.,	CERT. # : 48010936-004-
2900 - 300, 5th Ave.,	INVDICE # : 40945
Caljary, Alta. T2P 3C4	DATE : 09-050-80 P.J. V : NONE GEORGIA RIVER

Sample	Prep	Cu	2p	20	تو ال	Au	-
description	code	percent	percent	percent	oz/t	oz/t	
GM-19-2	207				0,30	0.005	
GM-19-3	207				0.16	<0.003	
GM-19-4	207				0.10	<0.003	
GM-19-5	207			<del>-</del> -	0.08	0.003 -	
GM-19-6	207				0.16	<0.003	
GM-19-7	207		0.20	1.53	2.53	0.032	
GM-19-8	207		0.35	0.04	C.37	0.063	
GM-19-9	207		0.06	0.13	0.22	0.020	
GM−19−10	207				0.20	0.018	
GM-19-11	207		<0.01	0.01	0.15	0.005	
GM-19-12	207				0.15	0.005	
GM-19-13	207				0.14	0.003	
GM-19-14	207			=	0.14	<0.003	
GM-19-15	207		0.03	0.16	0.22	0.003	
GM-19-16	207		0.01	0.05	0.15	0.026	
GM-19-17	207				0.16	0.003	
GM-19-13	207				0.08	0.003	÷
GM-19-19	207				0.13	C.035	
GM-19-20	207				C.22	<0.003	
GM-19-21	207				0.22	<0+003	
GM-19-22	207				0.14	<0.03	
GM-19-23	207		0.04	3.55	0.33	0.005-	
GM-19-24	207		0.29	15.30	0.51	0.032	
GK-19-25	207		0.03	4.99	0.66	0.040	÷-
GM-19-26	207				0.02	<0.003	
GM-19-27	207				0.12	<0.003	
GM-19-23	207			~ -	0.C3	<0.003	
56-19-29	207				0.05	<0.003	
GM-19-30	207	<b>-</b> -			0.07	<0.003	
SM-19-31	207				0.12	<0.003	
5M-19-32	207				0.19	0.003	
SM-19-33	207				0.15	<0.001	
GM-19-34	207				0.25	0.005	
GM-19-35	207				0.12	<0.003	
GM-19-36	207				0.37	0.030	<del></del>
JM-20-1	207		· · · · · · · · · · · · · · · · · · ·		0.14	<0.003	
GN-20-2	207				0.06	0.003	
GM-20+3	207				C.14	<0.003	
3M-20-4	207				0.20	<0.003	
GM-20-5	207				J. 2.11	0.005	





CERTIFICATE OF ASSAY

212 BROOKSBANK AVE. NORTH VANCOUVER, B.C. CANADA V7J 2C1 TELEPHONE: (604)984-0221 TELEX: 043-52597



TO : E & B Explorations Ltd.,

Calgary, Alta.

T2P 3C4

2900 - 300, 5th Ave.,

. ANALYTICAL CHEMISTS - GEOCHEMISTS

- REGISTERED ASSAYERS

Cart. #		:	ASC10936-005-
INVOICE			
DATE		:	09-080-090
P.C. ł		:	NONE
GEORGIA	R ]	(V2	R

Sample	Prep	Cù	<u>РБ</u>	ζn	- Ag	. Au	
description	code	percent	percent	percent	oz/t	oz/t	
GM-20-6	207				0.11	0.084	
GM-20-7	207				0.16	0.003	
GM-20-8	207				0.10	0.005	
GM-20-9	207				0.10	<0.003 -	
GM-20-10	207				0.10	<0.003	
GM-20-11	207		<b>-</b> -		0.12	<0.003	
GM-20-12	207				0.12	<0.003	
GM-20-13	207				0.15	860.0	
GM-20-14	207		0.05	0+37	0.29	0.404	
GM-20-15	207		<0.01	0.01	0.14	0.034	
GM-20-16	207		<0.01	0.01	0.06	0.020	
GM-20-17	207		0.01	0.04	0.13	0.034	
GM-20-18	207		0.01	0.01	0.13	0.034	
GM-20-19	207		<0.01	0.02	0.17	0.030	
GM-20-20	207		<0.01	6.01	0.07	0.010	
GM-20-21	207		<0.01	0.01	0.03	0.020	
GM-20-22	207		0.01	0.02	0+17	0.069	
GM-20-23	207		0.91	1.04	C.94	0.596	
GM-20-24	207		0.10	0.03	9.25	0.042	
GM-20-25	207		0.56	0.12	0.94	1.780	
GM-20-25	207		0.37	5.90	0.63	0.324	
GM-20-27	207		2•40	2+53	5.55	9.990	
GM-20-28	207	<b>~</b> ~	0.91	0.35	1.21	2.245	
GM-20-29	207		0.16	0.05	0.13	0.134	
GM-20-30	207		0.01	0.01	0.05	0.005	
GM-20-31	Z07		0.01	0.01	0.02	0.003	
GM-20-32	207			<b>-</b> -	0.02	<0.003	
GM-20-33	207		0.15	9.79	0.75	0.005	
GM-21-1	207				0.06	<0.003	
G:4-21-2	207		<del>-</del> -		0.04	0.003	
5M-21-3	207			- <del>-</del>	0.13	<0.003	
3:4-21-4	207				0.01	0.003	
GM-21-5	207		÷		0.03	<0.003	
GM-21-6	207				0.19	0.005	<b></b>
GM-21-7	207				0.14	<0.003	
<u>GM-21+8</u>	Z 3 <b>7</b>					CC.007	
GM-21-9	207				0.03	<0.003	
0%-21-10	207			<b>-</b> -	60.0	<0.003	
GM-21-11	207	<u> </u>	<b>-</b> -		0.12	<5.003	
GM-21-12	207				0.10	<0.003	



. . Registered Assayer, Province of British Columbia



212 BROOKSBANK AVE. NORTH VANCOUVER, B.C. CANADA V7J 2C1 TELEPHONE. (604)984-0221

. ANALYTICAL CHEMISTS

GEOCHEMISTS REGISTERED ASSAYERS

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TELEPHONE: (604)984-0221 TELEX: 043-52597

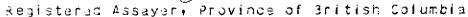
#### CERTIFICATE OF ASSAY

TO + T & Curlesstings Lt			A2010936-006-
TO : Ε & S Explorations Lt	** * *		
2900 - 300, 5th Ave.,	INVEICE	fi 1	40945
Calgary, Alta.	DATE	:	09-DEC-30
T2P 3C4	P.C. #	:	NONE
	GEORGIA	F.IV:	ĒR

Samole	Ргер	Cu	Pip	Zn	1g		
description	code	percent	percent	percent	oz/t	oz/t	
SM-21-13	207		<0.01	0.04	0.04	<0.003	
GM-21-14	207				0.15	0.005	
GM-21-15	207				0.08	0.003	
GM-21-16	207				2.12	<0.003	
GM-21-17	207				0.20	<0.003	
GM-21-13	207				0.10	<0.003	
GM-21-19	207				0.10	<0.003	
GM-21-20	207				0.10	<0.003	
GM-21-21	207				9.10	<0.003	
GM-21-22	207		<0.01	<0.01	0.14	0.005	
GM-21-23	207		<0.01	0.01	0.05	<0.003	
GM-21-24	207		<0.01	<0.01	0.06	0,205	
GM-21-25	207		0.01	0.01	2.12	<0.003	
GM-21-26	207		<0.01	<0.01	0,14	<0.003	
GM-21-27	207		<0.01	<0.01	0.12	<0.003	
GM-21-28	207		<0.01	<u> </u>	0.15	<0.003	
GM-21-29	207		0.16	0.10	C.28	0.018	
GM-21-30	207		0.01	0.01	0.12	0.005	
GM-21-31	207		0.04	0.04	0.12	0.034	
GM-21-32	207		0.13	2.25	0.34	0.034	
GM-21-33	207		0.13	0.40	0.28	0.040	
GM-21-34	207				0.19	0.042	
GM-21+35	207				0.15	0.054	
GM-21-36	207				0.12	0.036	
GM-21-37	207		<u> </u>		0.07	C.030	
	207		المحادثات المساحبة المراجع ويرد موالا الله المساحب ويسوعونه والمراد موجود المساحب		C.19	0.023	
GM-21-39	207				0.20	<0.003	
GM-21-40	207				0.14	<0.003	
GM-21-41	207				0.10	<0.003	
GM-21-42	207				0.59	0.003	
GM-21-43	207				0.20	<0.03	
GM-21-44	207		0.03	0.03	0.15	0.049	
GM-21-45	207		0.04	0.02	0.25	9.210	
GM-21-45	207		0.02	0.01	0.15	0,003	
GM-21-47	207	<b>-</b> -	0.03	č.03	0 22	0.003	
GM-21-47 GM-21-43	207		2.44	2.01	3.22	1.020	
GM-21-48 RESPLIT	207		_ <b>_ •</b> · · ·		3.18	0.912	

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MEMBER CANADIAN TESTING ASSOCIATION





212 BROOKSBANK AVE. NORTH VANCOUVER, B.C. CANADA V7J 2C1

TELEPHONE: (604)984-0221 TELEX: 043-52597

ANALYTICAL CHEMISTS

GEOCHEMISTS

\* REGISTERED ASSAYERS

### CERTIFICATE OF ASSAY

TC : E & B Explorations Ltd., 2900 - 300, 5th Ave., Calgary, Alta. T2P 3C4 CERT. # : A8C10935-001-INVEICE # : 40910 DATE : 02-DEC+3C P.C. # : NONE GEORGIA RIVER

ATTN. E. KRU	CHKOWSKI_						
Sample	Prep	Ag	Au		<u></u>		
description	code	oz/t	oz/t				
CD 1	207	0.12	<0.003		<b>*</b> -		
CD 2	207	0.26	<0.003				
CD 3	207	0.69	0.630				
CD 4	207	1.94	0.614				
CD 5	207	0.80	0.458		**		÷-
CD 6	207	0.84	0.100				
CD 7	207	0.13	0.008				
CD 8	207	0.17	0.010				
CD 9	207	0.14	0.003				
CD 10	207	1.95	2.444			÷ +	
CD 11	207	0.26	0.042				*-
CD 12	207	0.15	0.188				
CD 13	207	0.02	0.003				
CD 14	207	0.33	0.048				
CD 15 (1)	207	0.52	0.636				
CD 15 (2)	207	0.29	0.302				
CD 16	207	0.06	<0.003				
CC 17	207	0.04	<0.003				
CD 18	207	0.08	0.003				
CD 19	207	0.06	<0.003				
CD 20 (1)	207	0.16	0.036				
CD 20 (2)	207	0.06	0.020				
CD 21	207	0.23	0.044				
CD 22	207	0.34	0.222				
CD 23	207	0.64	0.776				÷-
CD 24	207	0.10	<9.003				
CD 25	207	0.35	0.610				
. CD 26	207	0.93	0.292				
CD 27	207	0.22	<0.003				
CD 28	2 <b>0 7</b>	0.08	<0.003				<b>* *</b>
CD 29	207	0.06	<0.003				
CC 30	207	0.12	0.064				
CD 31	207	0.01	0.003				
CD 32	207	0.31	0.163				
CD 33	207	0.21	0.226				
CD 34	207	0.45	0.633		<sub>A</sub>		
CD 35	207	0.09	0.048		//		
. CD 36	207	0.23	0.005		∧ -¥		
CD 37	207	1.14	0.296	·	1-2		
CD 38	207	1.10	1.220	/	<u> </u>		



MEMBER ANADIAN TESTING ASSOCIATION



212 BROOKSBANK AVE. NORTH VANCOUVER, B.C. CANADA V7J 2C1

, ANALYTICAL CHEMISTS

TO : E & B Explorat

- GEOCHEMISTS

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· REGISTERED ASSAYERS

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TELEPHONE: (604)984-0221 TELEX: 043-52597

#### CERTIFICATE OF ASSAY

E & B Explorations Ltd.,	CERT. # : 48010935-002-
2900 - 300: 5th Ave.:	INVOICE # : 40910
Calgary, Alta.	DATE : 02-DEC-80
T2P 3C4	P.C. # ∶ NONE
	GEORGIA RIVER

ATTN. E. KR	UCHKOWSKI			 	 · · · · · · · · · · · · · · · · · · ·
Sample	Ргер	Ag	Au		
description	code	oz/t	oz/t	 	 
CD 39	207	2.29	2.208	 	 
CD 40	207	2.45	2.432	 	 
CD 41	207	0.86	0+472	 	 
CD 42	207	1.29	0.624	 	 
CD 43	207	0.13	0.044	 	 ~-
CD 44 (1)	207	0.14	0.022	 	 
CD 44 (2)	207	0.09	0.010	 	 
CD 45	207	0.17	0.008	 	 
CD 46	207	0.04	0.074	 	 
CD 47	207	0.14	0.039	 	 
CD 48	207	0.32	0.200	 	 
CD 49	207	0.19	0.250	 	 
- CD 50	207	0.35	0.364	 	 
CD 51	207	0.10	0+038	 	 
· CD 52	207	0.19	0.082	 	 
CD 53	207	0.12	0.005	 	 
CD 54	207	0.18	0.005	 	 
CD 55	207	0.21	0.188	 ÷ =	 
CD 56	207	0.12	0.003	 	 
° CD 57	207	0.20	0.036	 	 
CD 58	207	0.02	0.005	 	 

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MEMBER CANADIAN TESTING ASSOCIATION

Registered Assayer, Province of British Columbia